Stomach Contents of Salmonids, and Other Fishes Captured in Masset Inlet, B.C., in 1983, 1984 and 1985

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ABSTRACT

Hargreaves, N. B., O. D. Kennedy, B. A. Patten, and R. J. LeBrasseur. 1988. Stomach Contents of salmonids and other fishes captured in Masset Inlet, B.C., in 1983, 1984 and 1985. Can. Data Rep. Fish. Aquat. Sci. 693: 116 p.

This report summarizes data concerning the stomach contents of salmonids and other fishes captured in Masset Inlet, B.C. during 1983-1985. This data was obtained as part of a larger study, designed to investigate the mortality of juvenile pink and chum salmon. The primary purpose of the stomach contents sampling was to identify potential predators, and assess the possibility that predation was an important source of mortality of juvenile salmon during the early sea-life period. The majority of the predators were captured with beach seines, with sampling beginning in March or early April and continuing until early July each year. Some additional samples of potential predators were collected each year with other types of fishing gear.

RESUME

Hargreaves, N. B., O. D. Kennedy, B. A. Patten, and R. J. LeBrasseur. 1988. Stomach Contents of salmonids and other fishes captured in Masset Inlet, B.C., in 1983, 1984 and 1985. Can. Data Rep. Fish. Aquat. Sci. 693: 116 p.

Le présent rapport résume les données sur les contenus stomacaux de salmonidés et d'autres espèces de poisson capturés dans l'inlet Masset (C.-B.) de 1983 à 1985. Ces données ont été recueillies dans le cadre d'une importante étude destinés à déterminer le taux de mortalité des saumons roses et kétas juvéniles. L'échantillonnage des contenus stomacaux visait surtout l'identification des prédateurs potentiels et l'évaluation de la prédation comme une importante source de mortalité des saumons jevéniles au début du séjour en mer. La plus grande partie des prédateurs ont été capturés à l'aide de sennes de rivage; l'échantillonnage a débuté en mars ou au début d'avril et s'est poursuivi jusqu'au début de juillet. Un certain nombre d'autres échantillons de prédateurs potentiels ont été recueillis chaque annés à l'aide d'autres engins de pêche.

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INTRODUCTION

Masset Inlet is a large (220 sq. km) tidal basin located on Graham Island in the Queen Charlotte Island group. It accepts discharge from Juskatla Inlet, and is connected to the Pacific Ocean (Dixon Entrance) via Masset Sound, a long (38 km) and narrow (2-4 km) channel (Figure 1). Masset Inlet supports the largest runs of pink salmon in the Queen Charlotte Islands, as well as substantial stocks of other salmonid species. The Masset Inlet stocks of pink salmon are somewhat unusual in that the disparity between even and odd numbered years is very strong, with historic highs of 1 to 2 million adult pinks returning in even numbered years and no pinks returning in odd numbered years (Neave 1962). In addition, the number of pink salmon returning to Masset Inlet in even numbered years has historically undergone dramatic fluctuations from year to year, and during the period of 1970-1980 there appeared to be a significant decline in pink salmon returns. Masset Inlet was thought to be the primary rearing area for juvenile pink salmon, and there were concerns that the general decline might be the result of increases in mortality during the early sea-life period.

As a result of these concerns, a four year study of the early sea-life of juvenile pink and chum salmon in Masset Inlet was initiated in 1982 by the Fisheries Research Branch, Department of Fisheries and Oceans. The stomachs of suspected predators were examined to assess the importance of predation as a source of mortality. Samples of predators were collected using beach seines during the period of March or early April until July each year. The contents of predators stomachs were removed by either dissection or hydraulic flushing and then examined visually and in some cases microscopically. Although the emphasis was on determining the frequency of occurrence of juvenile pink and chum, other organisms and material were included in the analysis. The lengths of the predators were measured and in some cases predators were also weighed. This report summarizes the results for all stomachs examined during 1983, 1984 and 1985. Data for additional samples collected for other purposes are published in separate reports (Hargreaves et al. 1987a, 1987b).

SAMPLING PROCEDURES

Fish were caught using four different beach seines. In 1983 a 100 foot (30 m) seine with a depth of 3.6 m and 12.7 mm stretched mesh, and a 150 foot (46 m) seine with 18.3 m wings of 12.7 mm stretched mesh and an 9.1 m bunt of 6.4 mm stretched mesh were used. In 1984 and 1985 sampling began with a 150 foot (46 m) fine mesh beach seine (depth of 3.6 m and 6.4 mm stretched mesh). This net was replaced with a 150 foot (46 m) coarse mesh beach seine (depth of 3.6 m and 12.7 mm stretched mesh) when samples indicated that the coarser net retained all juvenile pink and chum. A 5.5 m skiff with an 80 hp

or 90 hp outboard motor was used to deploy the seines. Sampling sites were selected around Masset Inlet on the basis of bottom topography and suitability of the site for beach seining at all stages of the tidal cycle.

Stomach contents were obtained by either flushing or dissection. When flushing, the fish was first anesthetized with 2-phenoxyethanol. A squeeze bottle was filled with seawater, and the nozzle inserted through the mouth and into the stomach. Water was then forced into the stomach by squeezing the bottle, with the fish's mouth held over a collection container. Gently moving the outlet tube in and out of the stomach aided the removal of contents. When food materials were no longer present in the flushed water the tube was withdrawn and the mouth and gill area were rinsed. The fish was placed in seawater and allowed to recover from the anesthetic before being released. The squeeze bottle was modified to permit operation when the bottle was inverted by removal of the inner inlet tube. Flushing efficiency was estimated to be 90%, determined by dissecting and examining the stomachs of fish that had previously been flushed. Flushing proved to be an effective technique on salmonids between 10 and 30 cm but was not effective on sculpins due to their restricted esophagus. The greatest advantage of flushing was that it could be performed quickly in the field and most fish released unharmed. Samples for dissection were fixed in 10% formalin in seawater and returned to the laboratory for analysis. These fish were individually measured, weighed, and stomach contents obtained by dissection.

The data tables are followed by three appendices. Appendix 1 is an example of a data table and explains how to interpret these data. Appendix 2 is a list of predator species. Appendix 3 provides a brief description of each sampling location in Masset Inlet.

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85-019. Marinelli Point. 1000/8/4/85. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	9.2	-	1 pink (36 mm), 2 salmon fry, gammarids, cumacea, harpactocoid
2	flush	8.8	-	gammarids, isopods
3	flush	11.5	-	gammarids, isopods, polychaets
4	flush	8.9	-	gammarids, mysids, harpactocoid
5	flush	10.3	-	gammarids
6	flush	11.9	-	
7	flush	10.7	-	1 pink (37 mm), gammarids
8	flush	9.0	-	
9	flush	10.0	-	1 pink (38 mm), gammarids, cumacea
10	flush	8.5	-	gammarids, polychaets
11	flush	9.5	-	
12	flush	7.9	-	
13	flush	13.7	-	
14	flush	9.4	-	
15	flush	11.5	-	2 salmon fry, gammarids
16	flush	9.1	-	
17	flush	8.2	-	gammarids, mysid, isopod
18	flush	9.3	-	1 pink (36 mm), gammarids, cumacea, mysid
19	flush	9.2	-	1 pink (~35 mm), 1 salmon fry, cumacea
20	flush	11.0	-	
21	flush	8.3	-	gammarids, cumacea
22	flush	9.5	-	
23	flush	11.1	-	gammarids, isopods, insects
24	flush	10.0	-	gammarids, isopods, cumacea, mysid
25	flush	9.2	-	
26	flush	9.3	-	
27	flush	7.8	-	gammarids
28	flush	10.8	-	
29	flush	8.3	-	1 salmon fry, gammarids, isopod
30	flush	7.7	-	
31	flush	9.8	-	
32	flush	10.0	-	gammarids, cumacea
33	flush	10.2	-	1 pink (37 mm), gammarids
34	flush	8.5	-	
35	flush	6.9	-	gammarid, mysid
36	flush	8.5	-	
37	flush	9.0	-	
38	flush	7.8	-	gammarids, insects, harpactocoid
39	flush	6.9	-	
40	flush	7.5	-	gammarids, isopod
41	flush	7.7	-	
42	flush	8.0	-	1 salmon fry, gammarids, cumacea, isopod, mysid
43	flush	10.7	-	gammarids, isopod

85-019. Marinelli Point. (cont'd)

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 44	flush	11.5	-	
45	flush	8.3	-	
46	flush	9.5	-	gammarids, isopods, mysids
47	flush	8.3	-	
48	flush	9.2	-	
49	flush	7.7	-	gammarids, insects
50	flush	9.2	-	
51	flush	11.2	-	gammarids, isopod, mysid
52	flush	10.7	-	
53	flush	8.8	-	
54	flush	11.2	-	gammarids, polychaets, cumacea
55	flush	8.5	-	
56	flush	9.0	-	1 fish remains?
57	flush	7.6	-	
58	flush	11.3	-	3 pinks (40, 38, 40 mm), polychaet
59	flush	7.3	-	
60	flush	10.2	-	gammarids
61	flush	8.0	-	1 pink, gammarids, cumacea
62	flush	8.0	-	1 pink (36 mm)
63	flush	9.5	-	
64	flush	8.8	-	
65	flush	10.6	-	4 pinks (34, 35, 35, 34 mm)
66	flush	10.2	-	
67	flush	10.0	-	
68	flush	9.5	-	1 pink (37 mm), 1 salmon fry
69	flush	8.5	-	
70	flush	10.4	-	
71	flush	8.7	-	1 pink (37 mm)
72	flush	9.4	-	
73	flush	9.9	-	1 pink (~34 mm)
74	flush	7.7	-	
75	flush	8.3	-	
76	flush	10.2	-	
77	flush	8.3	-	
78	flush	8.7	-	1 pink (38 mm)
79	flush	6.9	-	
80	flush	7.4	-	
81	flush	6.8	-	
82	flush	9.5	-	
83	flush	9.7	-	1 pink (38 mm)
84	flush	7.9	-	
85	flush	8.2	-	
86	flush	7.4	-	
87	flush	8.2	-	
88	flush	9.8	-	2 pinks (33 mm)?, 1 salmon fry
89	flush	8.0	-	

85-019. Marinelli Point. (cont'd)

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 90	flush	8.5	-	1 pink (~34 mm)
91	flush	8.2	-	
92	flush	7.9	-	
93	flush	10.8	-	
94	flush	9.8	-	1 fish remains
95	flush	8.5	-	
96	flush	9.7	-	1 pink (36 mm)
97	flush	7.9	-	
98	flush	9.3	-	1 pink (38 mm), 2 salmon fry
99	flush	10.7	-	
100	flush	9.2	-	2 pink (34, ~32 mm)
101	flush	8.3	-	
102	flush	8.4	-	
103	flush	10.4	-	
104	flush	10.6	-	1 pink (~35 mm)
105	flush	7.9	-	
106	flush	8.0	-	
107	flush	8.8	-	1 pink (38 mm)
108	flush	9.2	-	
109	flush	10.2	-	1 pink (37 mm), 1 salmon fry
110	flush	7.8	-	
111	flush	8.5	-	1 pink (35 mm)
112	flush	10.2	-	
113	flush	9.6	-	1 salmon fry (chum?)
114	flush	7.6	-	
115	flush	7.3	-	1 pink (36 mm)
116	flush	10.3	-	1 pink (~35 mm) 2 salmon fry
117	flush	7.6	-	
118	flush	8.2	-	
119	flush	10.5	-	2 pink (38, 39 mm)
120	flush	10.9	-	
121	flush	11.2	-	
122	flush	9.6	-	
123	flush	10.0	-	
124	flush	9.4	-	1 pink (39 mm), 1 salmon fry
125	flush	8.1	-	
126	flush	9.7	-	
127	flush	8.0	-	
128	flush	8.5	-	1 pink (37 mm)
129	flush	8.9	-	
130	flush	15.1	-	
131	flush	11.1	-	
132	flush	8.6	-	
133	flush	8.9	-	
134	flush	11.9	-	
135	flush	9.0	-	

85-019. Marinelli Point. (cont'd)

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 136	flush	12.7	-	
137	flush	11.2	-	
138	flush	7.2	-	
139	flush	10.5	-	
140	flush	10.6	-	
141	flush	10.4	-	
142	flush	8.5	-	1 pink (36 mm)
143	flush	9.0	-	
144	flush	9.8	-	2 pink (36, 37 mm)
145	flush	10.8	-	
146	flush	10.5	-	
147	flush	10.3	-	1 pink (38 mm)
148	flush	9.4	-	1 pink (37 mm), 1 salmon fry
149	flush	7.7	-	
150	flush	9.2	-	
151	flush	10.6	-	
152	flush	12.2	-	
153	flush	12.5	-	
154	flush	11.4	-	1 pink (34 mm)
155	flush	8.5	-	
156	flush	9.8	-	1 pink (33 mm)
157	flush	10.3	-	
158	flush	8.3	-	
159	flush	7.7	-	
160	flush	9.8	-	
161	flush	8.7	-	2 pink (38, 40 mm)
162	flush	9.3	-	
163	flush	11.1	-	1 pink (37 mm)
164	flush	7.6	-	1 pink (36 mm)
165	flush	9.1	-	
166	flush	9.2	-	1 pink (~34 mm)
167	flush	8.8	-	
168	flush	9.5	-	
169	flush	10.7	-	1 pink (38 mm)
170	flush	9.9	-	
171	flush	8.9	-	2 pink (35, 33 mm)
172	flush	9.5	-	
173	flush	8.1	-	1 salmon fry
174	flush	11.5	-	1 pink (~33 mm)
175	flush	12.3	-	
176	flush	8.3	-	
177	flush	12.2	-	
178	flush	9.1	-	1 pink (~37 mm)
179	flush	10.9	-	
180	flush	7.9	-	
181	flush	10.2	-	2 pink (~32 mm?), 1 salmon fry
182	flush	8.9	-	2 pink (32, 36 mm)

85-019. Marinelli Point. (cont'd)

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 183	flush	7.8	-	
184	flush	8.8	-	
185	flush	10.1	-	
186	flush	7.5	-	
187	flush	7.3	-	
188	flush	8.3	-	
189	flush	11.0	-	
190	flush	9.9	-	1 pink (~32 mm), 2 salmon fry
191	flush	10.5	-	
192	flush	8.1	-	
193	flush	8.6	-	
194	flush	12.8	-	
195	flush	11.2	-	1 pink (~32 mm)
196	flush	8.4	-	
197	flush	11.1	-	
198	flush	11.5	-	
199	flush	8.5	-	
200	flush	10.8	-	

85-029. Marinelli Point. 0810/12/4/85. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	dissection	NB mean of 3		empty
2	dissection	8.47	6.67	combined contents:
3	dissection			gammarids, isopods

85-034. Greg Point. 1115/13/4/85. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
cutthroat 1	dissection	31.6	333.86	1 salmon fry, 1 tubesnout, 2 gammarids
2	dissection	41.4	742.50	17 pinks
3	dissection	28.9	267.70	16 pinks
4	dissection	29.7	277.90	3 pinks

NOTE: lengths and weights do not correspond to adjacent stomach contents

85-049B. Wayne Bay. 1145/16/4/85. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	dissection	-	-	1 fish (35 mm)

85-052. Marinelli Point. 0730/17/4/85. 150' Fine Mesh Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	1	flush	9.6	-	
	2	flush	9.0	-	
	3	flush	7.9	-	
	4	flush	9.9	-	
	5	flush	9.7	-	
	6	flush	11.3	-	
	7	flush	9.7	-	1 pink
	8	flush	13.2	-	3 fish
	9	flush	9.9	-	
	10	flush	11.4	-	
	11	flush	6.9	-	
	12	dissection	11.3	-	gammarids
	13	dissection	12.3	-	gammarids, isopod, cumacea
	14	dissection	8.9	-	1 chum, 1 salmon fry, 1 fish egg
	15	dissection	10.9	-	1 salmon fry, 2 digested fish, 1 gammarid
	16	dissection	10.1	-	2 digested fish
	17	dissection	9.2	-	1 pink, 2 digested fish, gammarids
	18	dissection	10.7	-	gammarids, cumacea
	19	dissection	10.1	-	gammarids, mysid, isopod
	20	dissection	13.2	-	2 digested fish, gammarids
	21	dissection	10.8	-	gammarids, polychaet
	22	dissection	9.9	-	cumacea, insects, gammarids, polychaet
	23	dissection	13.7	-	gammarids
	24	dissection	13.1	-	gammarids, insect, cumacea
	25	dissection	10.5	-	gammarids, cumacea, isopod
	26	dissection	11.0	-	gammarids, cumacea, isopod
	27	dissection	10.0	-	gammarid, cumacea
	28	dissection	10.1	-	gammarids, cumacea, isopod
	29	dissection	9.5	-	gammarids, isopod
	30	dissection	9.1	-	2 digested fish, gammarids, cumacea

85-052. Marinelli Point. (cont'd)

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 31	dissection	9.3	-	gammarids, cumacea, insects
32	dissection	9.0	-	gammarids, cumacea
33	dissection	9.0	-	gammarids, cumacea
34	dissection	9.1	-	gammarids, cumacea, isopod
35	dissection	9.5	-	gammarids, cumacea
36	dissection	9.9	-	gammarids, insects
37	dissection	9.4	-	gammarids, cumacea
38	dissection	8.7	-	gammarids, cumacea, insects
39	dissection	8.7	-	gammarids, isopods, insects
40	dissection	8.5	-	gammarids, cumacea, insects, harpactocoid
41	dissection	8.7	-	gammarids
42	dissection	8.4	-	gammarids, cumacea, isopod

85-060. Ross Beach. 0900/20/4/85. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
great sculpin 1	dissection	13.5	57.74	green seaweed
2	dissection	12.6	27.50	1 chum, gammarid, shrimp, isopod, chirnomid
3	dissection	11.5	35.43	green seaweed

85-067. Nice Beach. 1145/20/4/85. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
great sculpin 1	dissection	9.8	-	empty
2	dissection	14.1	-	isopods, crustacean remains
staghorn sculpin 1	dissection	7.7	-	gammarids, caprillids
2	dissection	8.1	-	gammarids, caprillids

NOTE: lengths and weights of these 4 sculpins do not correspond to adjacent stomach contents

85-069. Bizarre Beach. 1330/20/4/85. 150' Fine Mesh Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
great sculpin	1	dissection	6.4	4.29	combined contents:
	2	dissection	9.0	16.99	caprellids, gammarids
	3	dissection	10.8	16.15	pillbugs, isopods
silverspotted sculpin	1	dissection	8.7	5.99	combined contents:
	2	dissection	11.9	12.78	caprellids, gammarids, pillbugs
	3	dissection	11.5	12.93	isopods, shrimp

85-071. Savory Bay. 1415/20/4/85. 150' Fine Mesh Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
staghorn sculpin	1	dissection	14.0	26.57	gammarid

85-078. Marinelli Point. 0800/24/4/85. 150' Fine Mesh Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	1	flush	-	-	1 fish remains, mysids, gammarids, cumacea
	2	flush	-	-	mysids, gammarids
	3	flush	9.8	-	2 pinks, gammarids, insect
	4	flush	-	-	1 sculpin, gammarids, mysids
	5	flush	-	-	gammarids, mysid, cumacea
	6	flush	-	-	gammarids
	7	flush	-	-	gammarids, mysids, 1 larval fish
	8	flush	-	-	cumacea, gammarids, mysids
	9	flush	-	-	cumacea, gammarids, mysids
	10	flush	9.0	-	1 pink, gammarids, mysids
	11	flush	-	-	gammarids
	12	flush	-	-	gammarids, cumacea
	13	flush	9.0	-	1 chum, gammarids, cumacea
	14	flush	-	-	gammarids, mysids
	15	flush	-	-	gammarids, cumacea, mysid

85-078. Marinelli Point. (cont'd)

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 16	flush	-	-	gammarids, cumacea, shrimp
17	flush	-	-	gammarids, mysid, cumacrea
18	flush	-	-	gammarids, isopod
19	flush	-	-	gammarids, cumacea
20	flush	-	-	gammarids, cumacea
21	flush	-	-	3 fish remains, gammarids, shrimp
22	flush	-	-	gammarids, cumacea, mysids
23	flush	-	-	gammarids, pillbug
24	flush	-	-	mysids
25	flush	-	-	gammarids, cumacea
26	flush	-	-	gammarids, cumacea
27	flush	-	-	gammarids, mysids
28	flush	-	-	gammarids, cumacea
29	flush	-	-	gammarids, cumacea
30	flush	-	-	gammarids, cumacea, mysids
31	flush	-	-	gammarids, mysids
32	flush	-	-	gammarids, cumacea, mysid
33	flush	-	-	gammarids, 1 sculpin, mysid
34	flush	-	-	gammarids, mysids
35	flush	-	-	gammarids, cumacea, mysids
36	flush	-	-	gammarids, cumacea, mysids
37	flush	-	-	gammarids, mysids
38	flush	-	-	gammarids, cumacea
39	flush	-	-	gammarids, mysid, pillbug, tanidae
40	flush	-	-	gammarids, cumacea
41	flush	-	-	gammarids
42	flush	-	-	gammarids, cumacea, mysid, insect
43	flush	-	-	gammarids
44	flush	-	-	gammarids
45	flush	-	-	gammarids, cumacea
46	flush	-	-	1 salmon fry, cumacea, gammarid
47	flush	-	-	gammarids, mysid
48	flush	9.3	-	1 sandlance, mysid
49	flush	-	-	cumacea, gammarids
50	flush	-	-	cumacea, gammarids, mysids, tanidae
51	flush	-	-	gammarids, mysids
52	flush	-	-	gammarids, cumacea
53	dissection	-	-	gammarids, cumacea, isopod
54	dissection	-	-	gammarids, cumacea
55	dissection	-	-	gammarids
56	dissection	-	-	gammarids, cumacea, polychaet, isopod
57	dissection	-	-	1 fish remains, gammarid, cumacea, isopods
58	dissection	-	-	gammarids, isopods
59	dissection	-	-	gammarids, cumacea
60	dissection	-	-	1 sculpin, gammarids, harpactocoid

85-078. Marinelli Point. (cont'd)

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 61	dissection	-	-	gammarids, cumacea, isopods
62	disection	-	-	3 salmon fry
63	dissection	-	-	gammarids, isopod, insect
64	dissection	-	-	gammarids, cumacea, isopods, pillbug
65	dissection	-	-	gammarids
66	dissection	-	-	gammarids, cumacea, isopod
67	dissection	-	-	gammarids, cumacea, isopod, mysids
68	dissection	-	-	gammarids, cumacea
69	dissection	-	-	gammarids, cumacea, isopod
70	dissection	-	-	gammarids
71	dissection	-	-	gammarids, shrimp
72	dissection	-	-	gammarids, cumacea, mysids, crab zoea
73	dissection	-	-	gammarids, cumacea
74	dissection	-	-	gammarids, cumacea, isopods
75	dissection	-	-	3 sandlance, cumacea, isopods, gammarids
76	dissection	-	-	gammarids, cumacea
77	dissection	-	-	gammarids
78	dissection	-	-	gammarids, isopods
79	dissection	-	-	1 fish remains, gammarids
80	dissection	-	-	1 fish remains, gammarids
81	dissection	-	-	gammarids, cumacea
82	dissection	-	-	gammarids, cumacea, polychaet, pillbug
83	dissection	-	-	gammarids, mysids, polychaet, crab zoea
84	dissection	-	-	gammarids, cumacea, pillbugs, isopod
85	dissection	-	-	gammarids, cumacea, isopod
86	dissection	-	-	gammarids, cumacea, insect
87	dissection	-	-	gammarids, cumacea, insect
88	dissection	-	-	gammarids, cumacea, isopod, pillbug
89	dissection	-	-	gammarids, cumacea
90	dissection	-	-	gammarids, cumacea, isopods, insects, pillbug
91	dissection	-	-	gammarids, cumacea, isopods
92	dissection	-	-	gammarids, cumacea, mysid

85-080. Marinelli Point. 1915/24/4/85. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	10.1	-	1 fish remains, amphipod
2	flush	10.2	-	1 salmon fry
3	flush	10.0	-	2 amphipod
4	flush	7.9	-	7 amphipod
5	flush	11.0	-	100 amphipod
6	flush	10.2	-	amphipod
7	flush	8.6	-	1 mysid, cumacea, amphipod
8	flush	9.3	-	1 pink
9	flush	11.8	-	amphipods
10	flush	9.1	-	amphipods
11	flush	8.7	-	amphipods
12	flush	11.8	-	empty
13	flush	10.2	-	1 salmon fry, amphipods
14	flush	9.3	-	1 pink, amphipods
15	flush	9.8	-	amphipods
16	flush	10.3	-	1 pink, 1 fish remain, amphipods
17	flush	9.2	-	amphipods
18	flush	9.6	-	amphipods
19	flush	9.3	-	amphipods
20	flush	7.7	-	amphipods
21	flush	9.5	-	1 fish remains, amphipods
22	flush	9.0	-	1 fish remains, amphipods
23	flush	11.4	-	amphipods
24	flush	10.0	-	amphipods
25	flush	10.8	-	amphipods
26	flush	9.4	-	amphipods, cumacea
27	flush	9.3	-	1 fish remains, amphipods
28	flush	8.2	-	amphipods
29	flush	9.7	-	amphipods
30	flush	9.5	-	amphipods
31	flush	8.7	-	amphipods
32	flush	8.5	-	amphipods
33	flush	9.8	-	1 fish remains, amphipods
34	flush	9.4	-	1 fish remains, amphipods
35	flush	9.8	-	amphipods
36	flush	11.0	-	amphipods
37	flush	9.4	-	amphipods
38	flush	10.4	-	amphipods
39	flush	9.9	-	1 salmon fry, amphipods
49	flush	12.5	-	1 larval fish, amphipods
41	flush	8.6	-	amphipods
42	flush	8.0	-	amphipods

85-082. Marinelli Point. 1900/26/4/85. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	13.2	-	amphipods
2	flush	11.0	-	amphipods
3	flush	9.9	-	1 fish remains, amphipods
4	flush	11.6	-	1 pink, amphipods
5	flush	9.0	-	amphipods
6	flush	10.1	-	2 pinks, 1 fish remains, amphipods
7	flush	9.2	-	1 pink, amphipods
8	flush	9.5	-	amphipods
9	flush	8.5	-	1 pink, amphipods
10	flush	9.2	-	1 fish remains, amphipods
11	flush	9.0	-	amphipods
12	flush	10.2	-	1 pink, 1 fish remains, amphipods
13	flush	11.0	-	1 pink, 1 fish remains, amphipods
14	flush	10.9	-	1 pink, amphipods
15	flush	11.8	-	amphipods
16	flush	14.3	-	1 fish remains, amphipods
17	flush	10.8	-	mysid, cumacea, amphipods
18	flush	10.2	-	amphipods
19	flush	9.1	-	amphipods
20	flush	10.5	-	cumacea, amphipods
21	flush	8.7	-	amphipods
22	flush	10.0	-	amphipods
23	flush	9.3	-	amphipods
24	flush	8.2	-	amphipods
25	flush	9.6	-	1 pink, amphipods
26	flush	10.5	-	1 pink, amphipods
27	flush	10.8	-	1 pink, 1 fish remains, amphipods
28	flush	9.8	-	amphipods
29	flush	10.2	-	amphipods
30	flush	9.8	-	1 fish remains, amphipods
31	flush	8.2	-	1 pink
32	flush	10.3	-	amphipods
33	flush	10.5	-	amphipods
34	flush	10.5	-	1 fish remains, amphipods
35	flush	10.8	-	amphipods
36	flush	8.9	-	1 fish remains, amphipods
37	flush	9.5	-	amphipods
38	flush	12.8	-	amphipods
39	flush	14.0	-	mysid, amphipods
40	flush	9.2	-	amphipods
41	flush	8.7	-	amphipods
42	flush	8.0	-	1 fish remains, amphipods
43	flush	8.6	-	amphipods
44	flush	8.9	-	amphipods
45	flush	10.0	-	1 pink, 1 fish remains, amphipods
46	flush	10.5	-	amphipods
47	flush	10.5	-	amphipods

85-082. Marinelli Point. (cont'd)

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	48	flush	10.8	-	mysid, amphipods
	49	flush	9.3	-	1 pink, amphipods
	50	flush	12.0	-	amphipods
	51	flush	8.3	-	amphipods
	52	flush	11.0	-	1 fish remains, amphipods
	53	flush	14.0	-	amphipods
	54	flush	9.8	-	1 pink, amphipods
	55	flush	10.3	-	1 pink, amphipods
	56	flush	8.8	-	amphipods
	57	flush	8.2	-	1 pink, amphipods
	58	flush	10.6	-	1 pink, amphipods
	59	flush	9.2	-	1 pink, amphipods
	60	flush	9.3	-	amphipods
	61	flush	9.8	-	1 pink, amphipods
	62	flush	8.5	-	amphipods
	63	flush	9.2	-	amphipods
	64	flush	10.0	-	amphipods
	65	flush	9.2	-	2 pink, amphipods
	66	flush	9.3	-	2 fish remains, amphipods
	67	flush	10.5	-	1 pink, 2 fish remains, amphipods
	68	flush	11.0	-	amphipods
	69	flush	11.1	-	amphipods
	70	flush	11.5	-	1 pink, 1 fish remains, amphipods
	71	flush	12.5	-	amphipods
	72	flush	8.4	-	1 pink, 1 fish remains, amphipods
	73	flush	9.5	-	1 pink, amphipods
	74	flush	9.7	-	amphipods
	75	flush	12.8	-	1 pink, amphipods
	76	flush	9.7	-	1 pink, amphipods
	77	flush	11.5	-	amphipods
	78	flush	9.7	-	amphipods
	79	flush	12.8	-	amphipods
	80	flush	10.3	-	amphipods
	81	flush	10.0	-	amphipods
	82	flush	11.6	-	amphipods
	83	flush	8.7	-	amphipods
	84	flush	9.3	-	1 pink, amphipods
	85	flush	8.7	-	1 fish remains, amphipods
	86	flush	8.8	-	amphipods
	87	flush	8.2	-	1 fish remains, amphipods
	88	flush	8.0	-	1 salmon fry, amphipods
	89	flush	8.8	-	amphipods
	90	flush	8.9	-	amphipods
	91	flush	10.5	-	1 fish remains, amphipods
	92	flush	11.5	-	1 pink, 1 fish remains, amphipods
	93	flush	11.1	-	amphipods
	94	flush	10.2	-	1 pink, amphipods

85-082. Marinelli Point. (cont'd)

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	95	flush	9.4	-	amphipods
	96	flush	9.4	-	1 pink, 1 fish remains, amphipods
	97	flush	10.0	-	1 fish remains, amphipods
	98	flush	11.3	-	amphipods
	99	flush	9.7	-	amphipods
	100	flush	11.0	-	1 pink, 1 fish remains, amphipods
	101	flush	11.6	-	amphipods
	102	flush	9.9	-	amphipods
	103	flush	10.0	-	1 fish remains, amphipods
	104	flush	11.3	-	1 fish remains, amphipods
	105	flush	10.2	-	1 pink, amphipods
	106	flush	9.7	-	amphipods
	107	flush	10.4	-	amphipods
	108	flush	10.0	-	2 pink, amphipods
	109	flush	11.4	-	1 pink, amphipods
	110	flush	9.4	-	amphipods
	111	flush	8.5	-	2 fish remains, amphipods
	112	flush	8.9	-	1 pink, amphipods
	113	flush	8.5	-	1 fish, amphipods
	114	flush	8.3	-	1 pink, amphipods
	115	flush	8.2	-	amphipods
	116	flush	9.4	-	1 fish remains, amphipods
	117	flush	10.8	-	amphipods
	118	flush	9.7	-	amphipods
	119	flush	11.3	-	amphipods
	120	flush	9.8	-	1 fish remains, amphipods
	121	flush	9.3	-	mysid, amphipods
	122	flush	9.3	-	1 fish remains, amphipods
	123	flush	9.5	-	amphipods
	124	flush	9.7	-	1 fish remains, amphipods
	125	flush	10.3	-	amphipods
	126	flush	9.4	-	1 fish remains, amphipods
	127	flush	9.2	-	amphipods
	128	flush	10.8	-	1 pink, amphipods
	129	flush	10.8	-	1 pink, 1 fish remains, amphipods
	130	flush	10.3	-	2 fish reamins, amphipods
	131	flush	10.2	-	amphipods
	132	flush	12.7	-	amphipods
	133	flush	12.5	-	mysid, amphipods
	134	flush	10.0	-	amphipods
	135	flush	9.8	-	amphipods
	136	flush	10.6	-	amphipods
	137	flush	9.5	-	amphipods
	138	flush	10.3	-	amphipods
	139	flush	8.5	-	amphipods
	140	flush	12.5	-	amphipods
	141	flush	10.4	-	amphipods

85-082. Marinelli Point. (cont'd)

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 142	flush	9.4	-	cumacea, amphipods
143	flush	7.5	-	cumacea, amphipods
144	flush	10.3	-	mysid, amphipods
145	flush	11.4	-	amphipods
146	flush	12.3	-	amphipods
147	flush	10.3	-	2 sandlance, amphipods
148	flush	9.5	-	1 fish remains, amphipods
149	flush	9.3	-	amphipods
150	flush	9.0	-	amphipods
151	flush	11.2	-	1 fish remains, amphipods
152	flush	10.3	-	1 pink, amphipods
153	flush	10.0	-	amphipods
154	flush	10.8	-	amphipods
155	flush	9.7	-	1 fish remains, amphipods
156	flush	9.8	-	1 pink, 1 fish remains, amphipods
157	flush	9.8	-	amphipods
158	flush	9.5	-	amphipods
159	flush	11.3	-	amphipods
160	flush	8.7	-	1 pink, amphipods
161	flush	8.8	-	amphipods
162	flush	9.0	-	amphipods
163	flush	9.3	-	1 pink, amphipods
164	flush	10.7	-	mysid, amphipods
165	flush	11.1	-	1 pink, 1 chum, 2 fish remains, amphipods
166	flush	11.4	-	amphipods
167	flush	10.6	-	2 salmon fry, amphipods
168	flush	9.2	-	amphipods
169	flush	8.5	-	1 fish remains, amphipods
170	flush	9.0	-	1 fish remains, amphipods
171	flush	11.1	-	amphipods
172	flush	10.1	-	amphipods
173	flush	8.7	-	2 salmon fry, amphipods
174	flush	9.9	-	amphipods
175	flush	10.0	-	amphipods
176	flush	11.5	-	1 pink, mysid, amphipods
177	flush	10.6	-	amphipods
178	flush	8.9	-	1 fish remains, amphipods
179	flush	10.2	-	mysid, amphipods
180	flush	9.5	-	amphipods
181	flush	9.6	-	2 salmon fry, amphipods
182	flush	10.1	-	mysid
183	flush	12.6	-	amphipods
184	flush	7.9	-	1 pink, amphipods
185	flush	8.8	-	amphipods
186	flush	8.8	-	amphipods
187	flush	9.0	-	amphipods

85-082. Marinelli Point. (cont'd)

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 188	flush	10.8	-	1 fish remains, amphipods
189	flush	9.5	-	2 salmon fry, amphipods
190	flush	10.2	-	1 pink, amphipods
191	flush	9.4	-	1 salmon fry, amphipods
192	flush	8.4	-	amphipods
193	flush	10.0	-	1 fish remains, amphipods
194	flush	9.6	-	mysid, amphipods
195	flush	11.9	-	amphipods
196	flush	12.8	-	1 pink, 1 fish remains, amphipods
197	flush	10.4	-	1 fish remains, amphipods
198	flush	10.3	-	amphipods
199	flush	9.7	-	amphipods
200	flush	13.5	-	3 salmon fry, amphipods
201	flush	9.3	-	mysid, amphipods
202	flush	9.3	-	amphipods
203	flush	11.6	-	amphipods
204	flush	12.7	-	2 pink, 1 fish remains, amphipods
205	flush	8.7	-	amphipods
206	flush	8.5	-	1 fish remains, amphipods
207	flush	8.8	-	amphipods
208	flush	8.4	-	1 fish remains, cumacea, amphipods
209	flush	9.9	-	amphipods

85-094. Learmonth Island. 1330/27/4/85. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
rock greenling	dissection	31.2	-	fish egg, crustacean remains

85-109B. Greg Point. 0820/1/5/85. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
cutthroat 1	flush	33.0	-	combined contents: 4 pinks 1 chum
2	flush	31.0	-	
3	flush	35.0	-	
4	flush	35.0	-	
5	flush	29.5	-	
silverspotted sculpin	dissection	15.0	-	1 pink, crustaceans

85-115. Marinelli Point. 0730/5/5/85. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	dissection	8.1	6.34	1 salmon fry, gammarids
2 NOTE: lengths	dissection	9.7	10.29	gammarids, cumacea
3 and weights do	dissection	7.9	5.17	cumacea, insects, pillbugs, gammarid
4 not correspond	dissection	9.4	9.55	gammarids, cumacea
5 to adjacent stomach	dissection	9.1	7.91	gammarids, cumacea, isopods, insects harpactacoid
6 contents	dissection	9.9	11.70	isopods, pillbugs, insects
7	dissection	9.9	10.83	gammarids, cumacea, isopods, insects
8	dissection	11.2	14.72	gammarids
9	dissection	11.4	16.87	gammarids, isopods, cumacea, mysid
10	dissection	10.0	11.98	gammarids, isopods, cumacea
11	dissection	12.0	19.26	isopods
12	dissection	10.3	12.96	isopods, gammarids, cumacea
13	dissection	12.3	20.55	isopods, gammarids
14	dissection	10.4	14.17	isopods, gammarids, mysid, cumacea insect
15	dissection	9.2	8.83	gammarids, isopods, cumacea, spider, insect
16	dissection	8.5	7.15	gammarids, isopods
17	dissection	10.1	11.30	gammarids, isopods, cuamcea
18	dissection	10.2	12.03	gammarids, isopods, cumacea, mysid
19	dissection	11.8	18.27	isopods, gammarids, cumacea
20	dissection	13.3	23.75	1 fish remains, mysid, gammarid
21	dissection	11.7	18.40	isopods, gammarids, cumacea, mysid, harpactacoid
22	dissection	10.1	11.57	1 fish remains, isopods, gammarids, insect
23	dissection	9.9	10.97	gammarids
24	dissection	11.1	15.35	isopods, gammarids
25	dissection	10.3	12.43	gammarids, isopods, cumacea, mysid

85-115. Marinelli Point. (cont'd)

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 26	dissection	10.4	12.15	gammarids, isopods, insects
27	dissection	9.7	9.80	gammarids, isopods, cumacea, harpactacoids
28	dissection	9.3	9.69	isopods, gammarids, insects, cumacea, harpactacoids
29	dissection	9.2	9.62	cumacea, gammarids, insects
30	dissection	9.7	10.71	cumacea, gammarids
31	dissection	9.8	9.81	cumacea, gammarids, insects, isopod, mysid
32	dissection	9.1	7.99	gammarids, cumacea
33	dissection	9.0	7.84	gammarids, cumacea
34	dissection	8.6	7.29	gammarids, cumacea, mysid, insect, pillbug
35	dissection	7.8	5.82	gammarids, cumacea, isopods, polychaets, harpactacoid
Dolly Varden 1	dissection	-	-	isopods, mysids, gammarids
2	dissection	-	-	mysids
3	dissection	-	-	4 salmon fry

85-124. Marinelli Point. 0830/6/5/85. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	dissection			gammarids, cumacea
2	dissection			gammarids, cumacea, polychaet
3	dissection			gammarids, isopods
4	dissection	mean size		cumacea, gammarids, pillbugs, harpactacoids
5	dissection	8.74	8.01	isopods, gammarids, cumacea
6	dissection			gammarids, cumacea, isopod
7	dissection			cumacea, insect, harpactacoid
8	dissection			2 fish remains, gammarids, cumacea
9	dissection			gammarids, cumacea
10	dissection			harpactacoid
11	dissection			harpactacoid
Dolly Varden	dissection	13.4	26.29	gammarid, insect fragment

85-126A. Greg Point. 0930/6/5/85. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
great sculpin	dissection	16.0	63.92	9 pinks, 4 fish remains
masked greenling	dissection	15.7	35.99	digested material, piece of barnacle?

85-126B. Greg Point. 0945/6/5/85. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	10.4	-	
2	flush	12.3	-	3 pink
3	flush	15.3	-	
4	flush	13.5	-	
5	flush	11.5	-	
6	flush	14.2	-	3 pink
7	flush	14.3	-	
8	flush	13.7	-	1 pink
9	flush	16.2	-	
10	flush	12.0	-	
11	flush	10.5	-	1 pink
12	flush	14.5	-	
13	flush	13.4	-	1 pink
14	flush	12.4	-	2 pink
15	flush	13.2	-	1 salmon fry
16	flush	10.8	-	
17	flush	13.0	-	1 pink
18	flush	10.4	-	
19	flush	12.6	-	
20	flush	12.2	-	
21	flush	11.7	-	1 pink
22	flush	12.0	-	
23	flush	11.5	-	
24	flush	11.7	-	
25	flush	13.8	-	
26	flush	11.0	-	
27	flush	10.0	-	
28	flush	13.1	-	
29	flush	12.8	-	1 pink
30	flush	11.2	-	
31	flush	11.0	-	
steelhead	flush	17.8	-	3 pink

85-126B. Greg Point (cont'd)

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
Dolly Varden 1	flush	13.8	-	combined contents: gammarids, crab larvae, shrimps harpactacoids, polychaet, chaetognath
2	flush	16.0	-	
3	flush	14.5	-	
4	flush	13.3	-	

85-127. Bizarre Beach. 1045/6/5/85. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
Dolly Varden 1	flush	33.0	-	empty
2	flush	38.5	-	empty

85-129. Nice Beach. 1145/6/5/85. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	9.9	-	1 pink
2	flush	10.5	-	empty

85-135. Ross Beach. 1440/6/5/85. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	dissection	7.7	4.88	2 fish remains (could be salmon), insect, gammarids
2 NOTE: lengths	dissection	9.7	9.95	2 salmon fry? insects, pillbugs
3 and weights do	dissection	9.4	9.81	2 salmon fry, 1 salmonid?
4 not correspond	dissection	10.1	12.41	1 pink, 3 salmon fry, 1 salmonid?
5 to adjacent stomach contents	dissection	10.1	12.47	1 chum, 1 fish remains (could be salmon)
6	dissection	9.9	11.02	1 fish remains (could be salmon), gammarids
7	dissection	10.3	11.81	3 fish remains (could be salmon)
8	dissection	11.3	15.21	empty
cutthroat	dissection	15.9	43.22	1 salmon fry, 3 fish remains (could be salmon)
Dolly Varden	dissection	12.0	17.71	5 salmon fry

85-137. Fraser Island. 1530/6/5/85. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	11.8	-	
2	flush	13.5	-	
3	flush	15.0	-	
4	flush	13.5	-	
5	flush	13.1	-	
6	flush	10.8	-	
7	flush	12.6	-	
8	flush	13.8	-	
9	flush	13.0	-	
10	flush	13.3	-	
11	flush	12.4	-	combined contents:
12	flush	13.6	-	4 fish remains from coho #22
13	flush	12.7	-	(probably not salmon)
14	flush	12.9	-	isopods, gammarids,
15	flush	14.0	-	amphipods, pillbugs,
16	flush	11.9	-	crab zoea, cumacea,
17	flush	11.5	-	bivalve
18	flush	12.2	-	
19	flush	11.6	-	
20	flush	12.4	-	
21	flush	14.3	-	

85-137. Fraser Island (cont'd)

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 22	flush	13.8	-	see combined contents on previous page
23	flush	14.5	-	
24	flush	12.9	-	
25	flush	14.9	-	
26	flush	11.5	-	
27	flush	14.2	-	
28	flush	15.1	-	
29	flush	11.2	-	
30	flush	16.8	-	

85-141B. Greg Point. 1330/7/5/85. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
silverspotted sculpin	dissection	12.5	18.71	pillbugs, isopods, gammarids
tidepool sculpin	dissection	7.6	5.19	1 salmon fry, isopods, gammarids
masked greenling	dissection	19.2	72.98	amphipod, crab remains

85-146. Savory Bay. 0900/14/5/85. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	-	-	1 pink
2	flush	-	-	misc. plankton

85-147B. Greg Point. 0945/14/5/85. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	-	-	combined contents: fish larvae, crustaceans amphipods, pillbug
2	flush	-	-	
silverspotted sculpin	dissection			

85-150. Nice Beach. 1100/14/5/85. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	-	-	combined contents: 2 salmon fry, 10 sandlance amphipods, 1 shrimp, 1 fly
2	flush	-	-	
3	flush	-	-	
4	flush	-	-	
5	flush	-	-	
6	flush	-	-	
7	flush	-	-	
8	flush	-	-	

85-151. Parker Point. 1120/14/5/85. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
Dolly Varden 1	flush	-	-	combined contents: 1 pink, 1 salmon fry
2	flush	-	-	
3	flush	-	-	
4	flush	-	-	
5	flush	-	-	
6	flush	-	-	
7	flush	-	-	
8	flush	-	-	
cutthroat 1	flush	-	-	combined contents: insects
2	flush	-	-	

85-156. Ross Beach. 1430/14/5/85. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	-	-	combined contents: 1 salmon fry, 3 sandlance
2	flush	-	-	
3	flush	-	-	
4	flush	-	-	
5	flush	-	-	
cutthroat 1	flush	-	-	combined contents: 2 pinks, 2 salmon fry
2	flush	-	-	
3	flush	-	-	

85-158. Fraser Island. 1515/14/5/85. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	-	-	combined contents: 1 pink, 6 sandlance gammarids, insects
2	flush	-	-	
3	flush	-	-	
4	flush	-	-	
5	flush	-	-	
6	flush	-	-	
7	flush	-	-	
8	flush	-	-	
9	flush	-	-	
10	flush	-	-	
11	flush	-	-	

85-159. Marinelli Point. 1545/14/5/85. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	dissection			cumacea, isopods, gammarids,
2	dissection			gammarids
3	dissection			cumacea, gammarids, insects
4	dissection			cumacea, isopods, gammarids, insects, harpactacoid
		mean size		
5	dissection	9.8	10.41	gammarids, isopod
6	dissection			cumacea, harpactacoid, gammarids, insects
7	dissection			cumacea, gammarids, isopods
8	dissection			1 salmon fry, 1 fish remains, gammarids, cumacea, isopods
9	dissection			gammarids, cumacea
10	dissection			cumacea

85-160A. Greg Point. 0900/15/5/85. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	12.7	-	1 pink
2	flush	10.9	-	empty
3	flush	10.6	-	empty
4	flush	7.8	-	empty

85-160B. Greg Point. 0920/15/5/85. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
silverspotted sculpin	dissection	-	-	1 pink, 1 salmon fry

85-180. Marinelli Point. 0730/17/5/85. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	9.8	-	cumacea
2	flush	11.2	-	gammarid
3	flush	13.6	-	cumacea
4	flush	12.3	-	gammarid
5	flush	11.2	-	gammarid
6	flush	12.4	-	gammarid
7	flush	9.5	-	empty
8	flush	10.0	-	gammarid
9	flush	9.0	-	empty
10	flush	10.5	-	gammarid, pillbug
11	flush	10.5	-	gammarid
12	flush	10.2	-	gammarid
13	flush	11.7	-	gammarid
14	flush	12.0	-	gammarid
15	flush	10.7	-	gammarid
16	flush	10.6	-	gammarid, insect
17	flush	9.7	-	gammarid, mysid
18	flush	12.2	-	gammarid
19	flush	9.5	-	gammarid
20	flush	8.6	-	gammarid, cumacea
21	flush	9.6	-	gammarid
22	flush	9.7	-	gammarid
23	flush	11.4	-	gammarid
24	flush	10.8	-	cumacea
25	flush	10.3	-	gammarid
26	flush	10.9	-	empty
27	flush	8.5	-	gammarid
28	flush	9.6	-	cumacea
29	flush	10.4	-	gammarid
30	flush	11.2	-	gammarid
31	flush	12.2	-	gammarid
32	flush	11.7	-	gammarid
33	flush	11.5	-	gammarid
Dolly Varden	flush	13.3		empty

85-183. Marinelli Point. 0820/22/5/85. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	-	-	gammarids, plankton
2	flush	11.0	-	empty
3	flush	8.4	-	gammarids
4	flush	9.9	-	gammarids
5	flush	7.5	-	gammarids, 1 insect

85-185A. Greg Point. 0919/22/5/85. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	10.2	-	blackflies
2	flush	10.9	-	blackflies
3	flush	9.7	-	plankton
4	flush	10.2	-	plankton
5	flush	13.0	-	isopods
6	flush	10.1	-	1 sandlance, 1 snail fish
7	flush	9.9	-	blackflies
8	flush	10.7	-	blackflies
9	flush	10.8	-	blackflies
10	flush	10.0	-	plankton
11	flush	13.9	-	pillbug, isopods
12	flush	10.8	-	8 sandlance
13	flush	8.9	-	plankton
14	flush	10.2	-	plankton
15	flush	12.5	-	digested plankton
16	flush	10.0	-	2 sandlance
17	flush	9.8	-	isopod
18	flush	11.5	-	plankton, isopod
19	flush	9.6	-	isopod
20	flush	9.7	-	plankton
21	flush	11.0	-	gammarids, plankton
22	flush	10.9	-	plankton
23	flush	10.7	-	plankton
24	flush	8.1	-	isopod, crab larvae
25	flush	9.2	-	plankton, isopod
Dolly Varden	flush	14.2	-	empty
cutthroat 1	flush	42.5	-	3 digested fish (salmon?), 3 tubesnouts, 1 shiner
2	flush	37.0	-	empty
3	flush	36.0	-	1 gammarid
4	flush	37.0	-	1 chum, 1 gammarid

85-185B. Greg Point. 1004/22/5/85. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	11.8	-	15 sandlance
2	flush	12.5	-	3 crab larvae
3	flush	10.8	-	plankton
4	flush	12.0	-	1 pink, 4 sandlance
5	flush	13.8	-	1 pink, 1 sandlance
6	flush	10.3	-	empty
7	flush	11.6	-	fish remains (not shown)
8	flush	11.1	-	10 sandlance, gammarids, crab larvae
9	flush	10.7	-	plankton, insects
10	flush	9.8	-	1 salmon fry, isopod
11	flush	10.0	-	plankton, 1 crab larvae
12	flush	9.8	-	plankton
13	flush	9.5	-	plankton, 1 snail
14	flush	10.8	-	plankton
15	flush	9.3	-	plankton
16	flush	9.6	-	isopods
17	flush	9.2	-	plankton
Dolly Varden	flush	-	-	empty

85-186. Bizarre Beach. 1045/22/5/85. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	flush	10.5	-	isopods
Dolly Varden	flush	28.6	-	empty

85-189. Parker Point. 1345/22/5/85. 150' Fine Mesh Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	1	flush	11.3	-	1 pink
	2	flush	12.9	-	1 pink, 1 insect
	3	flush	13.4	-	1 pink, 2 insect
	4	flush	14.2	-	empty
	5	flush	11.9	-	1 salmon fry
	6	flush	14.0	-	plankton
	7	flush	11.5	-	2 pink, 1 fly
	8	flush	11.4	-	plankton
	9	flush	12.2	-	empty
	10	flush	11.9	-	2 pink, flies
	11	flush	10.5	-	3 pink, many insects
	12	flush	11.5	-	1 pink
	13	flush	10.8	-	1 pink
	14	flush	11.6	-	2 pink
	15	flush	11.1	-	1 pink, insect
	16	flush	9.8	-	insects
	17	flush	13.4	-	4 pink
	18	flush	11.3	-	2 pink, insects
	19	flush	11.2	-	1 salmon fry
	20	flush	11.4	-	empty
	21	flush	10.0	-	1 pink, insects
	22	flush	10.8	-	1 pink, insects
	23	flush	10.6	-	1 pink
	24	flush	11.9	-	2 pink, insects
	25	flush	10.0	-	1 pink, insects
	26	flush	10.9	-	insects
	27	flush	10.9	-	insects
	28	flush	10.3	-	insects, plankton
	29	flush	10.0	-	insects, plankton
	30	flush	11.5	-	insects
cutthroat		flush	-	-	empty
Dolly Varden	1	flush	15.0	-	empty
	2	flush	13.5	-	1 pink, 1 salmon fry
	3	flush	12.9	-	3 pink, plankton
	4	flush	19.9	-	2 pink
	5	flush	12.0	-	3 pink
	6	flush	13.8	-	1 pink
	7	flush	11.9	-	1 pink, insect
	8	flush	12.5	-	1 pink, 1 salmon fry

85-190. Wayne Bay. 1502/22/5/85. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	flush	10.3	-	1 pink, 1 sandlance

85-194. Ross Beach. 1643/22/5/85. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	10.0	-	1 fish remains
2	flush	11.3	-	empty
3	flush	11.1	-	1 pink, insects
4	flush	10.5	-	1 pink, 1 pillbug
5	flush	10.5	-	plankton
6	flush	12.0	-	fish remains
7	flush	10.4	-	1 pink
8	flush	10.9	-	plankton
9	flush	9.9	-	1 pink
10	flush	11.0	-	plankton
11	flush	10.4	-	plankton, fish remains
12	flush	9.6	-	insects
13	flush	8.2	-	plankton
Dolly Varden	flush	10.9	-	2 pink, 2 salmon fry
cutthroat 1	flush	14.8	-	1 pink, 1 salmon fry
2	flush	27.0	-	empty

85-196. Fraser Island. 1750/22/5/85. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	9.6	-	plankton
2	flush	9.6	-	isopods, insects

85-197A. Greg Point. 0810/23/5/85. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	11.8	-	gammarids, insects
2	flush	9.7	-	empty
3	flush	11.2	-	1 pink
4	flush	11.1	-	gammarid
5	flush	10.6	-	gammarid
6	flush	10.9	-	1 fish remains
7	flush	10.9	-	gammarids, cumacea
8	flush	10.0	-	insects
9	flush	9.8	-	empty
10	flush	10.1	-	gammarids
11	flush	9.7	-	empty
12	flush	10.3	-	fish remains, gammarid
13	flush	11.2	-	fish remains, caprella, pillbug, insects
14	flush	12.2	-	fish remains
15	flush	10.1	-	insects, gammarids
16	flush	9.5	-	empty
17	flush	9.9	-	gammarid, insects
18	flush	11.1	-	digested matter
19	flush	9.1	-	gammarid
Dolly Varden	flush	12.0	-	snails

85-197B. Greg Point. 0850/23/5/85. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	9.5	-	caprellids, gammarids
2	flush	11.8	-	gammarids

85-216. Marinelli Point. 0700/27/5/85. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	8.4	-	gammarids, cumacea
2	flush	9.2	-	copepods, gammarid
3	flush	9.6	-	gammarids, cumacea, copepods
4	flush	8.4	-	cumacea, gammarids, insects, copepods
5	flush	9.3	-	gammarids, copepods, cumacea, pillbug
6	flush	8.7	-	gammarids, cumacea, insects
7	flush	8.7	-	gammarids, cumacea, copepods

85-217. Marinelli Point. 0730/27/5/85. 150' Fine Mesh Beach Seine

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	10.5	-	gammarids, cumacea
2	flush	10.4	-	gammarids, cumacea, copepods
3	flush	9.6	-	gammarids, copepods

85-242A. Greg Point. 0842/1/6/85. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	10.3	-	crab zoae, gammarids
2	flush	11.6	-	empty
3	flush	12.4	-	Limacina, gammarids
4	flush	11.7	-	Limacina
5	flush	12.1	-	crab zoea
6	flush	9.2	-	gammarids, insects, cumacea
7	flush	10.5	-	gammarids, insects
8	flush	10.8	-	gammarids, crab zoea
9	flush	9.6	-	insects, Limacina
10	flush	11.3	-	insects
11	flush	9.6	-	insects, gammarids
12	flush	10.0	-	fish remains, insects
13	flush	10.7	-	insects, gammarids, crab zoea
14	flush	10.5	-	insects, gammarids
15	flush	8.9	-	copepods, insects
16	flush	9.3	-	insects, crab zoea, gammarids
17	flush	8.9	-	gammarids, copepod, insect, pillbug
18	flush	11.1	-	Limacina, isopod, pillbug, gammarid
19	flush	9.4	-	insect, gammarids, copepods, cumacea
20	flush	9.8	-	copepods, crab zoea, insects
21	flush	9.8	-	Limacina
22	flush	9.1	-	crab zoea, gammarids, Limacina
23	flush	9.8	-	crab zoea, insects, mysids
Dolly Varden	flush	16.0	-	insects

85-242B. Greg Point. 0940/1/6/85. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	flush	9.8	-	Limacina, gammarid
Dolly Varden	flush	13.7	-	crab zoea

85-243. Bizarre Beach. 1013/1/6/85. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	10.5	-	crab zoea, cumacea, insects, corophium
2	flush	9.4	-	gammarid, insect
3	flush	10.1	-	insects, zoea, gammarids, cumacea
4	flush	9.9	-	gammarids, insects, cumacea
5	flush	10.4	-	copepod, insect, cumacea, Limacina
6	flush	10.7	-	crab zoea, insects
7	flush	8.8	-	insects, gammarids
8	flush	11.6	-	crab zoea, insects, corophium
9	flush	9.8	-	insects, gammarids, zoea, isopod
10	flush	9.4	-	insects, gammarids, cumacea
11	flush	10.4	-	crab zoea, insects
12	flush	10.5	-	crab zoea, insects
13	flush	10.7	-	crab zoea, insects, cumacea
14	flush	9.8	-	insects, gammarids, pillbug
15	flush	9.7	-	insects, gammarids, bivalves, crab zoea
16	flush	12.2	-	insects, gammarids, cumacea, crab zoea
17	flush	8.6	-	insects, crab zoea
18	flush	12.4	-	insects, fish remains, bivalve
19	flush	9.7	-	pillbug, gammarids, insects, copepod, cumacea
Dolly Varden	flush	13.5	-	gammarids, corophium

85-246. Parker Point. 1150/1/6/85. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	10.3	-	insects, gammarid
2	flush	10.0	-	insects
3	flush	9.3	-	insects
4	flush	11.4	-	1 salmon fry
5	flush	10.1	-	insects
6	flush	9.8	-	insects
7	flush	9.2	-	insects
8	flush	9.5	-	insects
9	flush	11.5	-	insects
10	flush	11.0	-	insects, 1 salmon fry
11	flush	10.5	-	insects
12	flush	10.7	-	insects
Dolly Varden 1	flush	16.3	-	3 pinks, 1 salmon fry
2	flush	11.5	-	2 pinks, insects
3	flush	12.7	-	insects
4	flush	14.7	-	1 salmon fry
5	flush	10.1	-	insects, gammarids
cutthroat 1	flush	13.4	-	1 chum, insects
2	flush	15.5	-	insects

85-251. Ross Beach. 1432/1/6/85. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	flush	10.6	-	1 salmon fry

85-255A. Greg Point. 0815/2/6/85. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	flush	9.3	-	Limacina, gammarid, insects
cutthroat 1	flush	35.0	-	isopod, pillbug
2	flush	38.0	-	empty

85-255B. Greg Point. 0835/2/6/85. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	flush	12.4	-	1 fish remains, gammarids

85-295. Greg Point. 0838/8/6/85. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
cutthroat 1	flush	39.4	-	1 shiner, 5 fish remains
2	flush	33.0	-	pillbugs, amphipods
3	flush	34.0	-	plant material, amphipods

85-303. Marinelli Point. 1300/11/6/85. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
cutthroat	flush	32.5	-	empty

85-305. Bizarre Beach. 0900/12/6/85. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
Dolly Varden 1	flush	14.5	-	empty
2	flush	22.7	-	empty
3	flush	16.1	-	1 fish remains (sandlance?)
4	flush	24.7	-	1 sandlance
5	flush	27.4	-	1 fish remains
6	flush	30.0	-	1 sandlance
7	flush	26.7	-	empty
8	flush	39.5	-	empty (cestodes)
steelhead	flush	24.0	-	snails, gammarids

85-308. Parker Point. 1035/12/6/85. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	flush	10.0	-	empty
cutthroat 1	flush	9.1	-	insects
2	flush	12.2	-	empty

85-310. Mutus Beach. 1124/12/6/85. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	11.6	-	insects
2	flush	13.1	-	1 fish remains, insects, insect larvae
3	flush	12.2	-	insects
4	flush	12.9	-	fish remains
5	flush	12.5	-	insects
6	flush	11.2	-	emtpy
7	flush	13.5	-	insects
Dolly Varden 1	flush	16.6	-	1 salmon fry
2	flush	13.8	-	empty
3	flush	14.2	-	empty
4	flush	15.9	-	empty

85-316A. Greg Point. 1445/12/6/85. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	9.9	-	insects
2	flush	10.0	-	insects
3	flush	9.8	-	insects
4	flush	11.0	-	insects
5	flush	11.9	-	insects
Dolly Varden	flush	16.0	-	empty

85-318. Marinelli Point. 1600/12/6/85. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	dissection	6.4	2.78	combined contents: insects, cumacea, gammarids, harpactacoids
2	dissection	7.6	4.66	

85-319A. Greg Point. 0800/13/6/85. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	13.7	-	1 pink
2	flush	10.3	-	insects, cumacea, copepods
3	flush	10.8	-	insects, cumacea, copepods
Dolly Varden	flush	13.5	-	insects

85-350B. Marinelli Point. 0815/18/6/85. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	flush	8.2	-	gammarids, insects
Dolly Varden	flush	20.1	-	empty

85-352A. Greg Point. 0900/18/6/85. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	flush	15.6	-	insects

85-352B. Greg Point. 0930/18/6/85. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	flush	9.3	-	insects, gammarids, isopods

85-356. Parker Point. 1100/18/6/85. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	flush	11.5	-	insects

85-357. Wayne Bay. 1115/18/6/85. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	10.8	-	insects, gammarids, cumacea
2	flush	11.7	-	insects, gammarids, fish remains, cumacea, corophium
3	flush	10.9	-	insects, copepods
4	flush	11.6	-	insects, gammarids, insect larvae
5	flush	11.2	-	insects, gammarids, cumacea
6	flush	11.2	-	insects, gammarids, cumacea
7	flush	13.1	-	insecccts, gammarids, cumacea, corophium, pillbug
8	flush	12.4	-	insects, gammarids, mite
9	flush	10.7	-	insects, cumacea
10	flush	10.8	-	insects, gammarids
11	flush	10.6	-	insects, gammarids, pillbug, cumacea
Dolly Varden 1	flush	14.4	-	gammarids
2	flush	15.1	-	insect, gammarid, shrimp, pillbug
3	flush	14.8	-	gammarid
4	flush	16.9	-	shrimp

85-359. Ponds. 1253/18/6/85. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	12.7	-	insects
2	flush	10.7	-	insects

85-365A. Greg Point. 1110/19/6/85. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	dissection	9.5	8.24	gammarids, insects
cutthroat	flush	29.0	-	empty

85-365B. Greg Point. 1130/19/6/85. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
cutthroat	flush	21.6	-	1 salmon fry

85-374B. Marinelli Point. 0800/25/6/85. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
cutthroat	flush	18.8	-	empty

85-377. Bizarre Beach. 0915/25/6/85. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	11.8	-	insects, crab zoea, plant matter
2	flush	11.2	-	insects, crab zoea, 1 sandlance, plant matter
3	flush	12.1	-	insects, crab zoea, 2 sandlance
4	flush	13.2	-	insects, crab zoea, 1 sandlance
5	flush	11.3	-	2 unknown species
6	flush	11.8	-	4 sandlance, insects
steelhead	flush	15.2	-	fish remains, gammarid, gastropod

84-019. Parker Point. 1330/3/5/84. 150' Fine Mesh Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
cutthroat	1	flush	30.5	259.5	5 digested fish
	2	flush	33.0	314.5	1 digested fish (large)
	3	flush	32.5	306.5	1 chum, 2 digested fish
	4	flush	35.0	331.1	7 digested fish

84-062. Greg Point. 1030/11/5/84. 150' Fine Mesh Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
cutthroat	1	flush	21.5	-	1 salmon fry (chum?), sandlance, plankton
	2	flush	31.5	-	1 digested fish, 10 isopods, 1 gammarid

84-070. Ross Beach. 1615/11/5/84. 150' Fine Mesh Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
cutthroat	1	flush	12.5	-	1 amphipod
	2	flush	14.8	-	empty

84-071. Fraser Island. 1700/11/5/84. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	flush	9.5	-	2 sandlance

84-072. Marinelli Point. 0830/12/5/84. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	9.6		amphipods
2	flush	10.9	-	amphipods, insects
3	flush	8.7	-	amphipods
4	flush	9.7	-	empty
5	flush	11.4	-	amphipods
6	flush	10.5	-	amphipods
7	flush	8.6	-	amphipods, insects
8	flush	8.4	-	amphipods, insects, tandacea
9	flush	8.2	-	amphipods
10	flush	10.3	-	amphipods, insects
11	flush	10.6	-	empty
12	flush	10.8	-	amphipods, mysid
13	flush	9.5	-	copepods, amphipods, insects
14	flush	8.1	-	insects
15	flush	10.0	-	amphipods, mysids, insects, cumacean
16	flush	9.5	-	amphipods
17	flush	9.8	-	amphipods
18	flush	10.3	-	insects
19	flush	10.7	-	amphipods
20	flush	8.8	-	insect
21	flush	8.7	-	amphipod
22	flush	9.2	-	insect, amphipod, cumacean
23	flush	7.5	-	copepods
24	flush	10.7	-	empty
25	flush	10.2	-	copepods, isopod
26	flush	11.0	-	amphipod
27	flush	7.9	-	empty
28	flush	9.4	-	insect
29	flush	10.9	-	amphipods, isopod
30	flush	8.9	-	insect
31	flush	10.4	-	insect, amphipod
32	flush	9.1	-	empty
33	flush	8.6	-	insect, amphipod
34	flush	10.2	-	insect, amphipod
35	flush	11.0	-	insects, amphipods
36	flush	11.0	-	empty
37	flush	10.8	-	amphipods, mysid
38	flush	8.5	-	insects, amphipods
39	flush	11.0	-	insects
40	flush	8.8	-	amphipods
41	flush	9.2	-	amphipods, insect
42	flush	9.5	-	insect
43	flush	9.5	-	empty
44	flush	9.2	-	copepod, amphipod
45	flush	9.8	-	insect
46	flush	9.3	-	empty
47	flush	10.2	-	amphipod
48	flush	8.2	-	insect, tandacea

84-072. Marinelli Point. (cont'd)

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 49	flush	8.9	-	amphipod, isopod
50	flush	8.4	-	copepod, cumacea, insect
51	flush	10.3	-	insect, amphipod
52	flush	10.0	-	mysid, amphipod
53	flush	9.2	-	amphipod
54	flush	10.3	-	insect, tandacea, amphipod
55	flush	8.6	-	insect, amphipod
56	flush	9.2	-	empty
57	flush	8.1	-	insect
58	flush	10.0	-	insect, copepod
59	flush	10.6	-	empty
60	flush	11.8	-	mysid, insect
61	flush	10.3	-	insect, cumacea
62	flush	10.3	-	isopod
63	flush	9.5	-	insect, tandacea
64	flush	9.9	-	insect, mysid, amphipod
65	flush	9.4	-	amphipod, cumacea
66	flush	9.8	-	mysid
67	flush	8.5	-	copepod
68	flush	10.0	-	amphipods, isopod
69	flush	7.6	-	empty
70	flush	11.5	-	empty
71	flush	9.1	-	insect
72	flush	9.6	-	insect
73	flush	9.5	-	empty
74	flush	10.2	-	empty
75	flush	10.4	-	empty
76	flush	11.4	-	cumacea, amphipod, insect
77	flush	9.5	-	emtpy
78	flush	10.5	-	amphipod
79	flush	11.6	-	insect, cumacea
80	flush	9.1	-	insect
81	flush	9.4	-	insect, amphipod
82	flush	8.2	-	amphipod
83	flush	9.1	-	cumacea
84	flush	8.9	-	juvenile mysid
85	flush	8.9	-	cumacea
86	flush	9.2	-	cumacea, amphipod
87	flush	12.0	-	cumacea, insect
88	flush	9.2	-	amphipod
89	flush	12.8	-	amphipod
90	flush	9.7	-	amphipod
91	flush	10.0	-	empty
92	flush	9.5	-	cumacea
93	flush	10.0	-	amphipod
94	flush	10.8	-	cumacea, insects
95	flush	10.0	-	cumacea, mysid
96	flush	9.8	-	amphipod fragment

84-072. Marinelli Point. (cont'd)

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 97	flush	11.3	-	cumacea
98	flush	10.2	-	cumacea, insect
99	flush	8.9	-	cumacea, tandacea
100	flush	9.0	-	mysid, amphipod
101	flush	9.3	-	cumacea, insect
102	flush	10.3	-	mysid, amphipod
103	flush	10.0	-	empty
104	flush	9.6	-	mysid
105	flush	12.8	-	amphipod
106	flush	10.0	-	amphipod, cumacea
107	flush	11.2	-	amphipod, insect
Dolly Varden	flush	13.0	-	mysid, insect
cutthroat	flush	19.0	-	1 fish remains (non-salmon), mysid
steelhead	flush	19.2	-	mysids

84-073. Greg Point. 1000/12/5/84. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	11.2	-	copepods, amphipods
2	flush	8.9	-	copepods, flies
3	flush	8.5	-	copepods, flies (few)
4	flush	8.9	-	copepods, flies (few)
5	flush	10.4	-	copepods, flies (few)
6	flush	9.0	-	fish remains (big), copepods, sandlance
7	flush	10.2	-	copepods, flies
8	flush	10.5	-	flies, copepods
9	flush	9.6	-	flies, sandlance
10	flush	9.6	-	copepods, flies
Dolly Varden 1	flush	12.5	-	copepods, flies
2	flush	13.4	-	gammarids, copepods
3	flush	12.0	-	copepods, cumaceans
4	flush	12.7	-	limacina, copepods, flies
5	flush	15.5	-	empty
6	flush	13.2	-	copepods, flies

84-080. Greg Point. 1730/12/5/84. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	flush	12.6	-	sandlance

84-094. Greg Point. 0950/17/5/84. 150' Fine Mesh Beach Seine

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
cutthroat	flush	28.6	-	2 pillbugs
Dolly Varden 1	flush	16.0	-	empty
2	flush	19.3	-	empty
3	flush	25.9	-	15 sandlance

84-095. Bizarre Beach. 1030/17/5/84. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
cutthroat	flush	25.5	-	2 chum, 2 great sculpin (juvenile)

84-096. Fraser Island. 1230/17/5/84. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
cutthroat	flush	32.4	-	1 salmon fry

84-097. Ross Beach. 1300/17/5/84. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	12.0	-	1 sandlance, insects
2	flush	10.8	-	1 sandlance remains

84-098. Parker Point. 1345/17/5/84. 150' Fine Mesh Beach Seine

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	10.3	-	7 insects, 4 copepods
2	flush	11.7	-	empty
3	flush	13.7	-	digested fish, insects, copepods
4	flush	13.0	-	sandlance
5	flush	13.5	-	empty
6	flush	13.0	-	sandlance
7	flush	10.3	-	insects, copepods
Dolly Varden 1	flush	22.9	-	empty
2	flush	15.2	-	digested fish remains
3	flush	14.0	-	insects
4	flush	12.8	-	insects, copepods
cutthroat 1	flush	16.0	-	1 salmon fry, insects
2	flush	15.2	-	insects

84-102. Learmonth Island. 1530/17/5/84. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
Dolly Varden	flush	16.1	-	1 sandlance, copepod, euphausiid, amphipod

84-112. Marinelli Point. 0830/21/5/84. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	10.0	-	gammarids
2	flush	9.9	-	empty
3	flush	9.8	-	gammarids
4	flush	10.1	-	empty
5	flush	8.3	-	copepods, 1 fly
6	flush	10.8	-	crustacean fragments
7	flush	13.5	-	copepods
8	flush	9.0	-	copepods, amphipods
9	flush	9.8	-	gammarids
10	flush	9.8	-	crustacean fragments
11	flush	9.8	-	gammarids
12	flush	9.7	-	gammarids, copepods, cumceans
13	flush	9.0	-	copepods
14	flush	11.3	-	flies, gammarids
15	flush	9.5	-	copepods
16	flush	11.2	-	cumaceans, gammarids, digested mat.
17	flush	9.9	-	cumaceans, gammarids, copepods
18	flush	11.4	-	cumaceans, mysid
19	flush	9.2	-	cumaceans, copepods, gammarids
20	flush	10.0	-	gammarids
21	flush	9.5	-	empty
22	flush	9.8	-	gammarids
23	flush	9.8	-	gammarids, cumacea, copepods
24	flush	9.5	-	gamamrids
25	flush	9.9	-	gammarids, copepods, 2 cumacea
26	flush	9.0	-	gammarids, copepods, 2 cumacea
27	flush	9.4	-	empty
28	flush	9.3	-	6 copepods
29	flush	9.8	-	copepods, gammarid
30	flush	9.3	-	gammarids, cumacea
31	flush	10.0	-	2 gammarids
32	flush	10.5	-	gammarids, mysid
33	flush	9.0	-	copepods
34	flush	9.5	-	copepods
35	flush	10.1	-	1 gammarid, 1 copepod, 1 isopod
36	flush	8.3	-	copepods, cumacea
37	flush	9.5	-	flies, 1 gammarid
38	flush	9.1	-	copepods
39	flush	11.5	-	digested material
40	flush	9.1	-	1 fly
41	flush	9.2	-	gammarids, 1 cumacea, 1 copepod
42	flush	10.0	-	1 gammarid, 1 isopod, 1 mysid, 1 copepod, 1 cumacea
43	flush	10.2	-	1 copepod, 1 cumacea
44	flush	10.3	-	copepod
45	flush	13.5	-	1 fish remains (sandlance?), 1 copepod, 1 isopod

84-112. Marinelli Point. (cont'd)

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 46	flush	9.0	-	coepods, cumacea, piece of gammarid
47	flush	10.5	-	copepods, cumacea, isopod, gamamrid, 1 fly
48	flush	9.4	-	copepods, amphipod, cumacea
49	flush	9.7	-	copepods, gammarid
50	flush	10.1	-	copepods, gammarid, cumacea
51	flush	10.2	-	copepods, cuamcea
52	flush	10.6	-	gammarids
53	flush	9.8	-	gammarids, amphipod, cumacea
54	flush	10.4	-	digested material
55	flush	9.6	-	copepod, gammarid, stomatopod
56	flush	8.0	-	copepod
57	flush	11.4	-	gammarid, digested fish
58	flush	9.4	-	copepod, 1 gammarid
59	flush	10.6	-	empty
60	flush	8.5	-	copepod, gammarid
61	flush	10.3	-	digested material
62	flush	10.1	-	copepod
63	flush	9.1	-	gammarid, cumacea
64	flush	8.2	-	copepod
65	flush	9.4	-	copepod, cumacea
66	flush	10.3	-	empty
67	flush	9.8	-	cumacea, amphipod fragments
68	flush	10.9	-	digested material
69	flush	q 9	-	1 sculpin
70	flush	8.9	-	isopod, cumacea
71	flush	10.8	-	copepod, cumacea, gammarid
72	flush	9.1	-	copepod, cumacea, gammarid, 1 fly
73	flush	8.5	-	copepod, cumacea, gammarid
74	flush	11.2	-	digested material
75	flush	8.5	-	cumacea, gammarid, harpactocoids
76	flush	8.8	-	cumacea, gammarid, copepod
77	flush	9.9	-	digested material
78	flush	10.8	-	cumacea, copepod, digested material
79	flush	7.8	-	1 copepod, 1 fly
80	flush	10.8	-	1 copepod, mysid, gammarid, cumacea, isopod
81	flush	9.3	-	gammarid, cumacea, harpactocoids
82	flush	8.3	-	gammarid, copepod
83	flush	8.9	-	gammarid, cumacea
84	flush	8.6	-	gammarid
85	flush	8.5	-	copepods
86	flush	8.3	-	copepods, cumacea
87	flush	11.0	-	copepods, cumacea, harpactocid
88	flush	8.3	-	copepods, cumacea, gammarid, stomatopod
89	flush	10.2	-	1 cumacea

84-112. Marinelli Point. (cont'd)

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	90	flush	9.2	-	gammarids, copepods
	91	flush	13.8	-	digested material
	92	flush	10.4	-	copepod, cumacea, gammarid, isopod
	93	flush	9.3	-	gammarid, cumacea
	94	flush	10.4	-	gammarid, cumacea, digested material
	95	flush	10.0	-	stomatopod, copepod
	96	flush	11.4	-	digested material
	97	flush	8.8	-	copepod, cumacea
	98	flush	11.8	-	gammarid
	99	flush	9.2	-	gammarid
	100	flush	8.7	-	gammarid
	101	flush	9.7	-	2 copepod
	102	flush	8.2	-	cumacea, digested material
	103	flush	9.8	-	cumacea, fly, copepod, gammarid
	104	flush	11.0	-	gammarid, copepod, 1 fly
	105	flush	10.5	-	fish fragments, cumacea
	106	flush	11.6	-	digested material
	107	flush	9.9	-	digested material, gammarid, fly
	108	flush	8.6	-	digested material
	109	flush	10.5	-	gammarid, cumacea
	110	flush	9.0	-	gammarid, cumacea, copepod
	111	flush	9.8	-	gammarid, cumacea, copepod
	112	flush	9.2	-	copepod
	113	flush	10.9	-	empty
	114	flush	8.7	-	copepod
	115	flush	8.8	-	copepod
	116	flush	11.3	-	digested material
	117	flush	8.8	-	digested material
	118	flush	10.1	-	gammarid, cumacea
	119	flush	9.2	-	gammarid, cumacea
	120	flush	10.8	-	gammarid, cumacea, copepod
	121	flush	10.3	-	gammarid
	122	flush	10.2	-	fly, copepod
	123	flush	10.5	-	2 gammarids
	124	flush	8.7	-	copepod, cumacea, gammarid
	125	flush	8.9	-	digested material
	126	flush	8.3	-	flies
	127	flush	9.2	-	copepod, cumacea
	128	flush	9.0	-	copepod
	129	flush	8.5	-	gammarid
	130	flush	9.4	-	copepod
	131	flush	9.4	-	copepod, fly
	132	flush	9.3	-	copepod, fly, cumacea
	133	flush	8.8	-	copepod, cumacea
	134	flush	9.3	-	stomatopod, cumacea, gammarid
	135	flush	8.3	-	copepod, fly
	136	flush	9.9	-	copepod, gammarid, harpactocoids

84-112. Marinelli Point. (cont'd)

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 137	flush	9.8	-	empty
138	flush	9.0	-	copepod, gammarid, cumacea
139	flush	8.9	-	gammarid
140	flush	8.8	-	gammarid, cumacea
141	flush	8.5	-	gammarid
142	flush	8.2	-	copepod
143	flush	8.9	-	copepod, gammarid
144	flush	8.2	-	copepod, gammarid, cumacea
145	flush	8.9	-	gammarid
Dolly Varden 1	flush	14.6	-	digested material
2	flush	12.8	-	digested material
3	flush	12.3	-	fish remains, isopods
4	flush	12.0	-	gammarid, cumacea

84-113. Savory Bay. 0900/21/5/84. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	8.3	-	digested fish
2	flush	10.0	-	digested fish, amphipod
3	flush	9.0	-	sandlance
4	flush	11.1	-	1 salmon fry (probably chum?)
Dolly Varden 1	flush	12.1	-	amphipod, digested zooplankton
2	flush	14.9	-	2 gammarids
3	flush	15.5	-	empty
4	flush	13.1	-	empty
5	flush	12.5	-	1 gammarid, 1 gastropod
6	flush	12.4	-	crab larvae, tonadacea
7	flush	13.6	-	1 gammarid, amphipods, crab larvae

84-114. Greg Point. 0945/21/5/84. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	12.2	-	11 sandlance
2	flush	11.8	-	3 sandlance
3	flush	9.6	-	1 sandlance, 12 insects
4	flush	9.4	-	2 amphipods, 2 insects
5	flush	9.5	-	3 insects
6	flush	9.2	-	22 insects, 1 gammarid
7	flush	9.9	-	21 insects, stomopods, gammarids, 2 isopods
8	flush	9.8	-	15 insects
9	flush	9.3	-	5 insects
10	flush	8.3	-	5 insects
11	flush	9.4	-	10 insects

84-121. Ross Beach. 1400/21/5/84. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	11.0	-	blackflies
2	flush	10.0	-	sandlance
3	flush	10.8	-	8 isopods, blackflies
cutthroat 1	flush	35.5	-	1 gamamrid
2	flush	12.1	-	blackflies
3	flush	10.9	-	blackflies

84-122. Fraser Island. 1440/21/5/84. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
great sculpin	regurgitated	27.5	-	2 gunnels, 1 shrimp

84-124. Greg Point. 0915/29/5/84. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	11.6	-	copepods, blackflies
2	flush	12.3	-	sandlance, blackflies
3	flush	12.6	-	2 sandlance
4	flush	12.8	-	3 sandlance, euphausiids, blackflies
5	flush	13.3	-	5 sandlance, 1 mosquito,2 blackflies
6	flush	12.8	-	2 blackflies
7	flush	12.2	-	1 sandlance
8	flush	12.4	-	4 sandlance
9	flush	11.9	-	3 sandlance
10	flush	10.8	-	empty
11	flush	11.7	-	8 sandlance

84-126. Parker Point. 1045/29/5/84. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	flush	14.0	-	7 sandlance, 1 fish larvae
Dolly Varden 1	flush	15.4	-	4 sandlance, 1 blackfly
2	flush	15.5	-	3 sandlance
3	flush	14.6	-	3 sandlance
cutthroat 1	flush	15.5	-	10 insects (digested)
2	flush	13.4	-	3 chum, 2 sandlance, 1 insect
3	flush	10.6	-	1 chum, 1 sandlance

84-127. Wayne Bay. 1145/29/5/84. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
cutthroat	flush	34.2	-	2 tubesnouts, 3 insects

84-131. Ross Beach. 1350/29/5/84. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	flush	10.9	-	10 insects

84-133. Marinelli Point. 1515/29/5/84. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	9.3	-	amphipods
2	flush	9.3	-	amphipods
3	flush	9.5	-	copepods, 1 amphipod, 1 insect
4	flush	9.0	-	copepod, amphipods, cumacea
5	flush	7.1	-	insects, amphipods, cumacea
6	flush	9.0	-	empty
7	flush	11.5	-	insects, cumacea, gammarids, copepod
8	flush	8.3	-	amphipods, insects
9	flush	9.2	-	amphipods, cumacea
10	flush	9.5	-	amphipods, cumacea, copepods
11	flush	8.0	-	cumacea, gammarids, insect, copepod
12	flush	7.2	-	cumacea
13	flush	10.0	-	cumacea, amphipods, copepods, eggs?
14	flush	10.8	-	tonadocea, insects
15	flush	9.0	-	amphipods, copepods
16	flush	11.0	-	cumacea, isopod, copepods
17	flush	10.7	-	amphipod
18	flush	9.7	-	empty
19	flush	9.5	-	cumacea, 2 insects, tonadocea
20	flush	9.1	-	tonadocea, insects
21	flush	9.0	-	amphipods, cumacea, copepods, 1 insect
22	flush	9.6	-	amphipods, cumacea, copepods
23	flush	8.2	-	amphipods, cumacea
24	flush	9.2	-	amphipods, cumacea, insects
25	flush	8.0	-	amphipods, cumacea
26	flush	7.3	-	copepods
27	flush	11.5	-	empty
28	flush	10.5	-	empty
29	flush	10.3	-	empty
30	flush	9.2	-	amphipods, insects, copepods
31	flush	9.8	-	copepods, insects
32	flush	10.1	-	cumacea, insects

84-133. Marinelli Point. (cont'd)

Potential predatorl	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 33	flush	9.3	-	empty
34	flush	8.5	-	amphipods, insects
35	flush	9.6	-	amphipods
Dolly Varden	flush	13.2	-	empty

84-136. Marinelli Point. 0900/2/6/84. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	12.3	-	cumacea, insects
2	flush	10.4	-	cumacea, insects, amphipods
3	flush	9.4	-	insects, amphipods
4	flush	7.0	-	insects, amphipods
Dolly Varden	flush	13.0	-	empty

84-142. Ross Beach. 1130/5/6/84. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
cutthroat 1	flush	29.5	225.0	2 chum, isopods, 2 amphipods
2	flush	13.5	22.0	emtpy
3	flush	14.5	28.0	4 sandlance, isopods

84-143. Fraser Island. 1310/5/6/84. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	flush	9.8	-	insects, crab larvae
Dolly Varden	flush	22.0	90.0	empty
cutthroat 1	flush	36.0	410.0	amphipods
2	flush	22.5	180.0	mysids

84-144. Savory Bay. 1400/5/6/84. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
cutthroat 1	flush	42.0	590.0	digested material
2	flush	31.0	220.0	empty

84-145. Greg Point. 1445/5/6/84. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	flush	9.8	-	crab larvae, amphipod, insects

84-146. Bizarre Beach. 1500/5/6/84. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
cutthroat	flush	29.5	240.0	empty

84-147. Parker Point. 1600/5/6/84. 150' Fine Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
Dolly Varden	flush	11.3	10.0	insect larvae
cutthroat	flush	13.8	24.0	sandlance, insects

84-148. Wayne Bay. 1015/6/6/84. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	11.4	-	1 blackfly
2	flush	10.8	-	2 sandlance, 2 blackflies
3	flush	12.3	-	3 sandlance, 1 blackfly

84-150. Racoon Beach. 1115/6/6/84. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	flush	14.2	-	1 sandlance, insect pieces
cutthroat	flush	18.2	51.0	insects

84-151. Parker Point. 1140/6/6/84. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	13.0	-	2 sandlance
2	flush	10.8	-	7 sandlance
3	flush	11.6	-	empty
Dolly Varden 1	flush	10.4	10.0	1 sandlance, insects
2	flush	14.3	28.0	4 sandlance
3	flush	12.8	30.0	1 sandlance
4	flush	14.6	28.0	insects
5	flush	14.8	29.0	1 sandlance

84-153. Ain River. 1250/6/6/84. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
cutthroat 1	flush	29.1	180.0	empty
2	flush	28.5	170.0	insects, pillbugs
3	flush	28.2	160.0	digested matter, bugs
4	flush	28.8	200.0	digested matter
5	flush	32.2	300.0	digested matter
6	flush	28.5	180.0	insects
7	flush	27.1	160.0	insects
8	flush	27.0	160.0	amphipods, digested matter
9	flush	37.5	360.0	insects
10	flush	31.5	200.0	digested matter
11	flush	29.8	220.0	empty
12	flush	29.5	200.0	1 salmon fry, pillbugs, insects
13	flush	40.2	560.0	digested matter, insects
14	flush	33.3	280.0	digested matter
15	flush	38.4	520.0	fish eggs, insects

84-154. Wayne Bay. 1615/6/6/84. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
cutthroat 1	flush	31.6	-	2 sandlance
2	flush	26.6	-	4 insects
3	flush	18.9	-	2 chum, sandlance, 2 digested fish
4	flush	30.4	-	1 salmon fry, 1 sandlance
5	flush	40.3	-	3 polychaets

84-156A. Parker Point. 1715/6/6/84. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	flush	12.2	-	digested matter
cutthroat	flush	11.4	14.0	3 sandlance

84-156B. Parker Point. 1730/6/6/84. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	flush	11.4	-	insects
Dolly Varden	flush	25.4	-	empty

84-158A. Marinelli Point. 0830/7/6/84. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	9.7	-	pillbugs, amphipods
2	flush	9.1	-	pillbugs, amphipods
3	flush	9.8	-	pillbugs, amphipods, insects
4	flush	9.7	-	pillbugs, amphipods
cutthroat	flush	18.5	58.0	1 gammarid

84-158B. Marinelli Point. 0900/7/6/84. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	flush	10.5	-	isopods, amphipods, blackflies

84-185 Greg Point. 0915/14/6/84. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	10.1	-	amphipod, isopod
2	flush	10.3	-	larvae, plankton
3	flush	10.2	-	empty

84-187. Parker Point. 1030/14/6/84. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
cutthroat	flush	11.2	11.0	blackflies
Dolly Varden 1	flush	25.3	100.0	amphipods, isopods
2	flush	23.4	100.0	2 chum, blackflies
3	flush	19.7	74.0	amphipods

84-188. Wayne Bay. 1100/14/6/84. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	8.8	-	blackflies, amphipods
2	flush	11.8	-	blackflies, amphipods
cutthroat	flush	9.7	8.0	amphipods

84-192. Ross Beach. 1400/14/6/84. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
cutthroat 1	flush	14.8	28.0	isopods
2	flush	14.1	26.0	empty

84-193. Fraser Island. 1430/14/6/84. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
cutthroat	flush	21.6	92.0	amphipods, isopods
Dolly Varden 1	flush	15.8	35.0	empty
2	flush	22.6	100.0	isopods
3	flush	23.1	100.0	blackflies, isopods

84-210A. Parker Point. 1310/17/6/84. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	10.6	-	blackflies, isopods
2	flush	9.6	-	insects
3	flush	8.8	-	insects
4	flush	8.2	-	insects
5	flush	8.9	-	insects

84-210B. Parker Point. 1440/17/6/84. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
cutthroat	flush	12.1	11.0	insects
Dolly Varden	flush	10.4	8.0	isopods, amphipods, shrimp, blackflies

84-219. Fraser Island. 0900/21/6/84. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
Dolly Varden 1	flush	14.3	25.0	amphipods
2	flush	16.3	38.0	empty
3	flush	14.1	20.0	amphipods, insect
4	flush	18.1	55.0	amphipods, isopods, gastropods, copepods

84-225. Parker Point. 1300/21/6/84. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
cutthroat	flush	16.6	40.0	insects, amphipods, gastropods, isopods

84-250A. Greg Point. 0930/29/6/84. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
cutthroat 1	flush	35.4	440.0	amphipods, isopods
2	flush	17.2	38.0	empty

84-252. Parker Point. 1200/29/6/84. 150' Coarse Mesh Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	11.3	-	blackflies
2	flush	11.6	-	blackflies
3	flush	11.6	-	blackflies
cutthroat 1	flush	13.0	14.0	blackflies
2	flush	11.3	8.0	blackflies

83-013. Savory Bay. 1400/21/3/83. 100' Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
great sculpin	1	dissection	7.9	7.27	combined contents: crab fragments, 3 gammarids, shrimp fragments
	2	dissection	9.5	14.65	
	3	dissection	8.6	11.75	
	4	dissection	9.5	15.51	
	5	dissection	11.9	29.44	
	6	dissection	12.5	32.71	
padded sculpin		dissection	19.0	-	1 flatfish, shrimp fragments

83-034. Savory Bay. 0930/29/3/83. 100' Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
great sculpin	1	dissection	8.0	-	combined contents: polychaeta, shrimp and gammarids
	2	dissection	10.6	-	
	3	dissection	10.6	-	
	4	dissection	10.5	-	
	5	dissection	12.6	-	
	6	dissection	-	-	

83-035. Greg Point. 1000/29/3/83. 100' Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
silverspotted sculpin	1	dissection	12.0	-	7 salmon fry, amphipods & 1 pillbug
	2	dissection	11.7	-	3 salmon fry, amphipods & pillbugs
	3	dissection	11.5	-	2 salmon fry, amphipods & pillbugs
	4	dissection	9.3	-	3 salmon fry, amphipods & 1 pillbug
	5	dissection	9.0	-	5 large gammarids
buffalo sculpin		dissection	18.5	107.76	1 pink, kelp & 1 gammarid

83-036. Brent Beach. 1030/29/3/83. 100' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
padded sculpin	dissection	32.1	448.6	7 gammarids, 2 isopods, 4 pillbugs
sculpin sp.	dissection	33.0	527.2	5 gammarids

83-037. Bizarre Beach. 1045/29/3/83. 100' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
silverspotted sculpin 1	dissection	12.0	-	9 gammarids
2	dissection	11.5	-	1 salmon fry, 16 gammarids

83-038. Savory Bay. 0950/31/3/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
great sculpin 1	dissection	9.8	13.73	combined contents:
2	dissection	11.4	25.40	2 gammarids, 1 shrimp, 8 pillbugs
3	dissection	11.9	28.80	7 isopods, 7 polychaets
4	dissection	10.9	21.39	
5	dissection	11.3	23.00	
6	dissection	13.7	42.63	

83-040. Brent Beach. 1059/31/3/83. 150' Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
buffalo sculpin	1	dissection	13.0	-	2 pillbugs, 3 gammarids
	2	dissection	15.2	-	mainly seaweed, 1 pillbug

83-041. Bizarre Beach. 1127/31/3/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
silverspotted sculpin	dissection	10.7	10.07	3 gammarids, 3 shrimp, fragments

83-043. Nice Beach. 1300/31/3/83. 150' Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
great sculpin	1	dissection	10.0	36.13	combined contents: fragment of lg. shrimp, 1 sm. shrimp
	2	dissection	11.4	32.47	4 isopods, 1 caprellid

83-045. Parker Point. 1530/31/3/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
great sculpin	dissection	14.4	41.84	1 stone
silverspotted sculpin	dissection	13.8	32.00	5 pillbugs, 1 mysid + fragment

83-047. Ross Beach. 1715/31/3/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
great sculpin 1	dissection	11.0	23.57	combined contents: 4 isopods, 6 pillbugs, 6 gammarids + fragments
2	dissection	9.8	15.50	
3	dissection	10.2	18.15	

83-050. Marinelli Point. 1000/4/4/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	9.35	7.85	amphipods
2	flush	8.10	5.08	amphipods
3	flush	9.40	8.84	amphipods
4	flush	8.95	7.59	amphipods
5	flush	7.65	4.35	amphipods
6	flush	10.10	13.02	30 larval fish (sculpins?)
7	flush	8.40	7.23	2 pinks, 7 larval fish
8	flush	9.40	9.31	amphipod, 1 larval fish
9	flush	10.15	11.68	amphipod, 3 larval fish
10	flush	7.60	4.88	18 larval fish
11	flush	9.55	10.09	2 pinks partly digested
12	flush	8.30	5.20	amphipods, 2 larval fish
13	flush	9.00	7.87	2 pinks, amphipods
14	flush	10.45	11.55	amphipods
15	flush	8.05	5.72	amphipods, 6 larval fish
16	flush	10.05	11.55	2 pinks, amphipod, 15 larval fish, shrimp, pink remains
17	flush	9.10	8.48	amphipod, shrimp 9 larval fish
18	flush	8.45	6.40	amphipod, 23 larval fish
19	flush	8.00	4.68	empty
20	flush	10.40	11.71	2 amphipod, 28 larval fish
21	flush	7.95	4.86	amphipod
22	flush	10.00	9.91	digested fish
23	flush	9.00	7.45	amphipod, 2 larval fish, cumaceans, mysid
24	flush	8.05	5.35	2 pinks
25	flush	10.55	14.00	2 pinks, 15 larval fish
26	flush	9.40	10.95	2 pinks, insect, fish fragments, isopod
27	flush	12.60	22.9	22 larval fish, 2 amphipod, 1 pillbug

83-050 Marinelli Point (cont'd)

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 28	flush	13.10	24.13	amphipod, 1 shrimp
29	flush	12.50	22.07	amphipod, 4 polychaets
30	flush	12.60	23.48	3 pinks, 3 larval fish
31	flush	12.00	18.85	2 pinks, digested fish, amphipod, 2 shrimp
32	flush	9.10	8.18	amphipod, 2 shrimp, 2 larval fish
33	flush	11.90	19.25	digested fish, 2 larval fish
34	flush	11.50	16.66	amphipod, 16 larval fish, 1 digested fish, 1 pink
35	flush	8.05	6.19	7 larval fish, 1 digested fish
36	flush	8.95	7.25	1 larval fish, 1 digested fish, amphipod
37	flush	9.60	10.12	17 larval fish, 1 shrimp
38	flush	10.00	10.74	amphipod
39	flush	12.10	18.35	2 pinks, amphipod, 5 larval fish
40	flush	8.60	10.03	amphipod, 8 larval fish, 1 digested fish
41	flush	12.00	19.54	amphipod, 5 larval fish, 1 digested fish
42	flush	10.50	12.80	amphipods
43	flush	9.95	10.80	amphipods, cumaceans
44	flush	9.90	10.10	amphipods, 26 larval fish, 2 digested fish
45	flush	8.95	7.20	amphipods
46	flush	10.90	13.66	amphipods
47	flush	7.60	4.49	5 larval fish
48	flush	7.00	3.29	1 larval fish, amphipods
49	flush	7.95	5.41	5 larval fish, amphipods
50	flush	8.00	6.08	20 larval fish, 2 amphipods
51	flush	7.60	4.86	amphipods
52	flush	8.05	5.35	1 amphipod, cumacea
53	flush	8.20	5.69	1 amphipod
54	flush	9.35	8.02	1 amphipod
55	flush	10.90	12.35	cumacea, twig from tree
56	flush	9.50	10.12	22 larval fish, amphipods
57	flush	9.40	8.74	amphipods
58	flush	11.00	14.02	amphipods
59	flush	8.10	6.25	amphipods, 2 shrimp
60	flush	8.90	7.11	amphipods, 20 larval fish
61	flush	9.05	9.35	amphipods, cumacea
62	flush	8.40	6.74	1 pink, amphipods
63	flush	7.55	5.06	15 larval fish
64	flush	8.55	7.55	amphipods
65	flush	8.30	7.11	amphipods, 24 larval fish
66	flush	10.00	10.87	amphipods, 14 larval fish
67	flush	8.40	6.18	amphipods, digested fish

83-053. Greg Point. 1015/6/4/83. 150' Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
cutthroat	1	dissection	28.80	233.30	5 pinks, digested fish
	2	dissection	31.20	303.07	4 salmon fry (probably pinks)
silverspotted sculpin	1	dissection	10.80	13.93	2 pinks, digested fish, 8 gammarids, 5 pillbugs
	2	dissection	9.20	7.59	2 pillbugs, 2 gammarids, veg. matter
	3	dissection	10.80	11.91	1 pink (36 mm), 1 gammarid
	4	dissection	12.90	23.14	5 gammarids, 2 pillbugs, 1 isopod

83-055. Bizarre Beach. 1055/6/4/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
silverspotted sculpin	dissection	10.0	9.52	19 gammarids, 1 pillbug

83-057. Nice Beach. 1215/6/4/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
silverspotted sculpin	dissection	10.8	10.60	5 gammarids, shrimp fragments

83-058. Parker Point. 1310/6/4/83. 150' Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
Dolly Varden		dissection	23.2	106.80	25 mysids
cutthroat	1	dissection	20.3	82.30	5 mysids
	2	dissection	22.9	134.31	12 mysids, 1 salmon fry, 1 amphipod
	3	dissection	25.9	176.56	15 mysids, 2 salmon fry
	4	dissection	25.7	165.45	5 mysids, 4 salmon fry, 1 digested fish
	5	dissection	27.0	222.50	2 mysids, 5 salmon fry
	6	dissection	34.5	387.15	4 chum, 3 salmon fry
	7	dissection	32.5	396.64	7 mysids, 2 digested fish (prob. salmonid)

83-061. Ross Beach. 1515/6/4/83. 150' Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
great sculpin	1	dissection	11.0	19.85	combined contents:
	2	dissection	9.3	10.95	1 gammarid, frag shrimp & polychaet
	3	dissection	10.4	14.01	4 caprellids
	4	dissection	10.4	17.98	
	5	dissection	21.0	116.46	3 salmon fry, 1 tubesnout, 1 crab
buffalo sculpin			11.0	24.88	digested remains
whitespotted greenling	1	dissection	17.9	63.17	fish eggs, polychaet remains
	2	dissection	21.0	91.73	1 shrimp (1.64 gm)

83-062. Ferguson Bay. 1600/6/4/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
great sculpin	dissection	21.5	142.92	digested matter

83-065. Ferguson Bay. 1030/11/4/83. 150' Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
great sculpin	1	dissection	14.0	41.62	1 chum, 1 sculpin
	2	dissection	19.0	127.78	1 pink
coho		flush	7.6	4.76	1 pink, 1 fish remains, 3 gammarids

83-066. Fraser Island. 1146/11/4/83. 150' Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
great sculpin	1	dissection	14.0	38.00	combined contents:
	2	dissection	13.0	27.55	10 caprellids, polychaet fragment,
	3	dissection	11.5	18.80	2 gammarids, 3 fish eggs (prob.
	4	dissection	11.5	19.62	tubesnout)
	5	dissection	8.6	12.51	
	6	dissection	9.8	12.28	
	7	dissection	9.8	13.12	
	8	dissection	9.2	10.84	

83-068. Ross Beach. 1345/11/4/83. 150' Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
great sculpin	1	dissection	12.5	37.50	combined contents:
	2	dissection	11.8	30.56	1 chum, maybe eaten in net
	3	dissection	11.8	26.58	1 crab, 9 isopods, 6 gammarids
	4	dissection	11.3	23.91	1 polychaet

83-072. Nice Beach. 1633/11/4/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
silverspotted sculpin	dissection	11.8	15.99	gammarids
buffalo sculpin	dissection	12.0	38.17	seaweed

83-073. Marinelli Point. 0900/12/4/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	dissection	9.2	8.16	combined contents: 3 salmon fry, 13 larval fish 18 gammarids, 18 flies
2	dissection	7.5	4.81	
3	dissection	8.3	6.80	
4	dissection	9.0	8.73	
5	dissection	7.4	4.56	
6	dissection	7.9	5.60	
7	dissection	9.7	9.93	
8	dissection	7.1	4.00	
9	dissection	8.0	6.47	

83-075. Savory Bay. 1015/12/4/83. 100' Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
great sculpin	1	dissection	27.5	290.70	1 tubesnout, 4 gammarids, 1 shrimp
	2	dissection	27.1	269.60	empty
	3	dissection	14.6	54.50	3 gammarids
	4	dissection	13.8	45.72	1 male tubesnout, 1 isopod, 1 pillbug, 4 gammarids
	5	dissection	12.5	25.70	empty
	6	dissection	13.0	38.88	crustacean fragments
	7	dissection	11.5	23.60	crustacean fragments and stone
	8	dissection	12.4	27.55	3 pillbugs, 11 caprellids
	9	dissection	13.2	36.20	4 gammarids, 1 polychaet
	10	dissection	10.5	19.78	1 shrimp, 2 crustacean fragment
	11	dissection	10.3	17.68	4 caprellids, 6 gammarids
	12	dissection	12.2	30.27	2 gammarids
	13	dissection	9.4	13.40	1 salmon fry, 1 fish remains
	14	dissection	9.8	14.52	2 gammarids
	15	dissection	8.1	9.10	4 gammarids, 3 caprellids
	16	dissection	12.2	26.59	1 gammarids, 2 isopods, 2 pillbugs
	17	dissection	9.6	13.49	crustacean fragments
staghorn sculpin	1	dissection	10.8	14.87	3 gamamrids, 1 fish remains
	2	dissection	11.8	16.73	7 gammarids, 1 pillbug
	3	dissection	17.5	71.45	2 gammarids, 3 pillbug, 1 shrimp, 2 fish remains
	4	dissection	18.5	83.50	11 gamamrids, 3 pillbugs
	5	dissection	21.4	108.00	12 gammarids, 1 pillbug, 1 shrimp
	6	dissection	20.0	102.24	3 gammarids, 1 shrimp
	7	dissection	21.7	123.35	7 gamamrids, 2 pillbugs, 1 isopod, 1 fish fragment, 1 crab, tubesnout eggs
buffalo sculpin		dissection	13.3	47.47	tubesnout eggs, crustacean fragment
greenling		dissection	34.5	447.40	tubesnout eggs

83-076. Greg Point. 1100/12/4/83. 150' Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
silverspotted sculpin	1	dissection	10.7	10.54	combined contents: gammarids, pillbug
	2	dissection	12.8	20.12	

83-077. Brent Beach. 1120/12/4/83. 150' Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
silverspotted sculpin	1	dissection	9.7	7.53	gammarids
	2	dissection	11.4	13.38	1 chum, gamarids
great sculpin	1	dissection	13.5	40.05	combined contents: gamamrids
	2	dissection	10.9	22.53	
	3	dissection	9.3	13.98	

83-080. Marinelli Point. 1400/14/4/83. 150' Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	1	flush	9.2	8.00	
	2	flush	8.4	6.28	
	3	flush	9.9	11.10	
	4	flush	10.9	14.34	
	5	flush	11.0	14.62	
	6	flush	10.7	13.14	
	7	flush	10.7	13.62	
	8	flush	10.5	9.63	
	9	flush	10.5	9.04	
	10	flush	10.3	12.09	
	11	flush	11.0	13.64	
	12	flush	12.0	19.63	combined contents: 110 pinks, 1 chum
	13	flush	11.0	16.64	
	14	flush	11.9	19.92	
	15	flush	10.3	11.95	
	16	flush	11.4	15.26	
	17	flush	9.3	9.03	
	18	flush	7.7	5.31	
	19	flush	8.2	5.98	
	20	flush	9.4	8.49	
	21	flush	13.0	23.53	
	22	flush	7.3	4.56	
	23	flush	8.2	6.47	
	24	flush	9.5	7.28	
	25	flush	8.8	6.92	
	26	flush	8.0	7.74	
	27	flush	10.8	13.49	
	28	flush	8.5	6.17	
	29	flush	7.8	5.03	
	30	flush	7.8	5.79	

83-090. Marinelli Point. 1200/19/4/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	7.4	-	
2	flush	7.8	-	
3	flush	7.9	-	
4	flush	8.0	-	
5	flush	8.5	-	
6	flush	8.5	-	
7	flush	8.5	-	
8	flush	8.5	-	
9	flush	8.5	-	combined contents:
10	flush	8.6	-	2 fish remains
11	flush	8.7	-	45 gammarids
12	flush	8.7	-	2 cumacea
13	flush	8.9	-	
14	flush	9.0	-	
15	flush	9.0	-	
16	flush	9.1	-	
17	flush	9.1	-	
18	flush	9.2	-	
19	flush	9.3	-	
20	flush	9.5	-	
21	flush	9.6	-	
22	flush	9.7	-	
23	flush	9.8	-	
24	flush	9.8	-	
25	flush	9.9	-	
26	flush	9.9	-	
27	flush	10.0	-	
28	flush	10.0	-	
29	flush	10.0	-	
30	flush	10.2	-	combined contents:
31	flush	10.3	-	5 pinks, 8 fish remains
32	flush	10.3	-	164 gammarids
33	flush	10.3	-	12 mysids
34	flush	10.4	-	~ 700 cumacea
35	flush	10.4	-	
36	flush	10.5	-	
37	flush	10.5	-	
38	flush	10.5	-	
39	flush	10.6	-	
40	flush	10.6	-	
41	flush	10.7	-	
42	flush	10.7	-	
43	flush	10.8	-	
44	flush	10.9	-	

83-090 Marinelli Point (cont'd)

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 45	flush	11.1	-	combined contents: 1 pink, 20 fish remains, 175 gammarids, 37 cumacea, 1 pillbug
46	flush	11.2	-	
47	flush	11.3	-	
48	flush	11.4	-	
49	flush	11.4	-	
50	flush	11.4	-	
51	flush	11.6	-	
52	flush	11.7	-	
53	flush	11.9	-	
54	flush	12.0	-	
55	flush	12.2	-	
56	flush	12.2	-	
57	flush	12.3	-	
58	flush	12.5	-	
59	flush	13.5	-	
60	flush	14.5	-	

83-093. Savory Bay. 1345/19/4/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
cutthroat				
staghorn sculpin 1	dissection	16.9	48.00	gammarids
2	dissection	21.9	124.77	2 gammarids, 7 isopods
great sculpin 1	dissection	10.7	20.50	1 fish fragment, 18 gammarids
2	dissection	15.4	54.12	16 isopods

83-094. Greg Point. 1415/19/4/83. 150' Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
whitespotted greenling		dissection	20.2	76.81	1 salmon fry, 10 gammarids
silverspotted sculpin	1	dissection	9.4	6.64	3 pillbugs, 1 gammarid, crustacean fragments
	2	dissection	11.0	13.48	2 pinks
	3	dissection	9.9	8.03	1 pink, 4 pillbugs, 3 gammarids
	4	dissection	10.6	12.93	4 pinks, 9 pillbugs, 1 isopod

83-096. Bizarre Beach. 1535/19/4/83. 150' Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
silverspotted sculpin	1	dissection	9.4	7.48	6 gammarids, 1 fish fragment
	2	dissection	13.5	23.36	3 pinks (+1 in mouth), crustacean fragments

83-097. Marinelli Point. 0810/20/4/83. 150' Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	1	dissection	11.0	-	combined contents: 37 gammarids 44 cumacea
	2	dissection	9.8	-	
	3	dissection	7.2	-	

83-099. Nice Beach. 1015/20/4/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
great sculpin	dissection	13.0	30.60	1 fish remains, 6 gammarids, 1 crab

83-100. Parker Point. 1045/20/4/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	dissection	7.7	4.82	
2	dissection	8.7	7.15	
3	dissection	9.2	9.15	combined contents:
4	dissection	8.2	7.06	2 salmon fry,
5	dissection	9.2	8.54	28 fish larvae
6	dissection	11.0	15.76	23 chaetogneths
7	dissection	9.2	8.89	3 sandlance
8	dissection	8.8	7.81	2 gammarids
9	dissection	7.1	4.06	10 microcalanus?
10	dissection	8.8	7.66	41 pseudocalanus
11	dissection	8.9	7.51	

83-103. Ross Beach. 1415/20/4/83. 150' Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
cutthroat	1	dissection	29.0	284.22	3 pinks, 2 chum, 16 fish remains, 4 pillbugs
	2	dissection	32.0	319.77	empty

83-104. Cowley Island. 1445/20/4/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
silverspotted sculpin	dissection	12.0	14.79	13 gammarids

83-106. Ferguson Bay. 1600/20/4/83. 150' Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
kelp greenling	1	dissection	17.9	64.88	1 shrimp, 1 gammarid, fragments
	2	dissection	20.7	97.83	tubesnout eggs
great sculpin	1	dissection	8.5	8.67	1 chum
	2	dissection	12.0	21.08	2 gammarids + plant material
	3	dissection	12.2	26.78	1 salmon fry, 3 gammarids + fragments

83-112B. Marinelli Point. 0923/22/4/83. 150' Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	1	dissection	9.9	12.29	1 salmon fry
	2	dissection	9.2	10.32	15 amphopods
	3	dissection	8.4	7.03	gammarids
	4	dissection	6.8	3.93	11 cumaceans
	5	dissection	8.1	7.12	gammarids
	6	dissection	8.1	6.60	approx. 50 cumacea
	7	dissection	9.4	9.29	combined contents:
	8	dissection	9.1	8.82	48 gammarid, 6 crab zoea, 3
	9	dissection	8.2	7.03	calanoid, 5 harpacticoid,
					37 cumacea, 12 flies
staghorn sculpin	1	dissection	8.2	5.20	
	2	dissection	8.6	8.26	
	3	dissection	7.3	4.49	
	4	dissection	8.9	8.54	
	5	dissection	8.1	6.47	
	6	dissection	10.3	11.75	combined contents:
	7	dissection	6.6	3.14	2 fish remains, 7 gammarids
	8	dissection	6.3	2.75	3 polychaet, 1 isopod
	9	dissection	8.5	7.23	
	10	dissection	15.2	38.66	
	11	dissection	14.8	40.22	
	12	dissection	18.5	86.14	
great sculpin	1	dissection	10.2	18.64	combined contents:
	2	dissection	12.3	37.65	6 salmon fry, 5 gammarids
	3	dissection	13.3	43.59	+ fragments

83-118. Parker Point. 1230/25/4/83. 150' Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	1	flush	8.8	6.26	insect fragments
	2	flush	9.2	9.46	gammarids
	3	flush	10.7	18.72	1 salmon fry
	4	flush	11.8	17.90	1 salmon fry
	5	flush	11.3	15.55	empty
Dolly Varden	1	flush	12.5	18.33	empty
	2	flush	13.5	23.95	empty
cutthroat	1	flush	10.3	11.34	3 chum + fragment
	2	flush	14.3	27.77	1 fish fragment
	3	flush	16.1	47.92	2 salmon fry

83-119. Nice Beach. 1300/25/4/83. 150' Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
staghorn sculpin		dissection	22.2	134.77	digested remains
silverspotted sculpin	1	dissection	12.5	21.45	2 caprellids, 3 ispods
	2	dissection	10.6	13.50	9 caprellids

83-127. Savory Bay. 1015/26/4/83. 150' Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
staghorn sculpin	1	dissection	21.0	112.98	3 isopods + digested matter
	2	dissection	21.6	122.64	digested remains
great sculpin	1	dissection	14.5	44.77	empty
	2	dissection	16.4	69.38	empty
	3	dissection	13.1	40.54	crustacean remains
	4	dissection	11.9	28.74	1 fish remains, 1 shrimp
	5	dissection	11.0	39.56	1 fish remains, 3 isopods
	6	dissection	10.5	20.85	digested remains
	7	dissection	10.5	24.14	empty
	8	dissection	10.2	16.75	5 gammarids, 11 pillbugs, 3 caprellids
	9	dissection	9.6	14.58	empty
	10	dissection	8.2	8.98	1 isopod, 1 gammarid, 13 caprellids
buffalo sculpin		dissection	19.2	180.26	fish remains, shrimp, seaweed
silverspotted sculpin		dissection	9.7	9.66	1 isopod, 1 pillbug, 1 gammarid, 2 caprellids

83-128. Greg Point. 1030/26/4/83. 150' Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
greenling		dissection	20.2	89.93	4 isopods
staghorn sculpin		dissection	20.0	103.62	contents rotted
silverspotted sculpin	1	dissection	9.7	8.94	1 gammarid, crustacean remains
	2	dissection	11.4	13.65	2 isopods, 1 pillbug, crustacean remains

83-129. Brent Beach. 1130/26/4/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
great sculpin 1	dissection	10.3	19.65	3 fry remains
2	dissection	11.2	26.20	3 gammarids, 1 shrimp

83-130. Bizarre Beach. 1200/26/4/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
silverspotted sculpin	dissection	11.8	14.10	2 pink, 1 amphipod
great sculpin	dissection	7.0	5.13	2 caprellids

83-178. Nice Beach. 1030/2/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
buffalo sculpin	dissection	15.3	87.83	digested algal material

83-185. Fraser Island. 1500/2/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
great sculpin 1	dissection	9.4	12.10	4 gamamrids
2	dissection	10.9	18.55	1 shrimp (1.6 gm)
3	dissection	13.8	35.92	1 pink
4	dissection	14.0	44.74	1 fish fragment, 3 gammarids, 1 isopod

83-186. Ferguson Bay. 1545/2/5/83. 150' Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
staghorn sculpin	1	dissection	17.4	52.80	1 fish fragment, 7 isopods
	2		27.8	289.10	eelgrass, crustacean fragments
great sculpin	1	dissection	17.9	76.36	6 isopods + fragments
	2	dissection	16.2	56.95	8 isopods + fragments
	3	dissection	12.1	23.64	1 gammarid
	4	dissection	10.6	14.99	8 isopods

83-188. Greg Point. 0930/3/5/83. 150' Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
greenling		dissection	20.5	93.12	2 isopods, 1 gammarid, fragments
silverspotted sculpin		dissection	11.5	14.64	1 isopod, 2 gammarids, 1 shrimp
Dolly Varden	1	dissection	14.1	30.57	2 pinks, 1 fish larvae
	2	dissection	14.9	30.39	1 salmon fry

83-189. Savory Bay. 0945/3/5/83. 150' Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	1	dissection	10.2	11.95	
	2	dissection	12.5	19.84	combined contents:
	3	dissection	9.7	9.70	6 pinks
	4	dissection	9.2	9.71	5 gammarids, 1 fly
	5	dissection	11.7	15.89	
staghorn sculpin		dissection	11.3	17.92	1 digested fish, 2 gammarids, 1 pillbug
great sculpin	1	dissection	11.2	22.00	empty
	2	dissection	14.8	52.52	empty

83-192. Marinelli Point. 1130/3/5/83. 150' Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
great sculpin		dissection	28.5	341.70	1 larval fish, eelgrass, 1 crab
staghorn sculpin	1	dissection	15.0	43.85	tubeworm
	2	dissection	16.2	47.61	digested remains
	3	dissection	16.8	61.39	4 fish fragments, seaweed
	4	dissection	22.5	147.36	1 salmon fry, 1 fish fragment, 1 crab claw

83-222. Greg Point. 0900-1500/8/5/83. 150' Beach Seine, 11 sets.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	1	flush	9.0	-	3 larval fish
	2	flush	9.6	-	2 pinks, 1 salmon fry
	3	flush	11.8	-	empty
	4	flush	11.0	-	empty
	5	flush	12.0	-	1 larval fish
Dolly Varden	1	flush	11.0	-	empty
	2	flush	12.3	-	1 chum, 1 salmon fry
	3	flush	14.3	-	2 pink, 2 salmon fry, 5 larval fish
	4	dissection	45.6	857.50	4 sandlance (approx. 10 cm)

83-225. Savory Bay. 1010/9/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
cutthroat	flush	41.0	-	empty

83-226. Greg Point. 1100/9/5/83. 150' Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
great sculpin	1	dissection	11.7	23.64	digested remains
	2	dissection	12.0	23.06	digested remains
	3	dissection	14.3	44.78	empty

83-228. Bizarre Beach. 1210/9/5/83. 150' Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	1	flush	14.4	-	empty
	2	flush	12.5	-	1 amphipod
	3	flush	15.3	-	empty
	4	flush	11.8	-	empty
Dolly Varden	1	flush	16.5	-	empty
	2	flush	17.2	-	1 sandlance
	3	flush	20.0	-	empty
	4	flush	16.2	-	empty
	5	flush	16.5	-	empty
	6	flush	16.4	-	10 gammarids, 1 mysid
	7	flush	17.5	-	empty
	8	flush	16.5	-	empty
	9	flush	15.2	-	8 gammarids
	10	flush	15.5	-	empty
	11	flush	21.3	-	1 snail
	12	flush	25.3	-	1 pink
	13	flush	16.0	-	1 mysid
	14	flush	15.4	-	empty
silverspotted sculpin		dissection	10.8	11.59	gammarids, isopods

83-232. Ross Beach. 1515/9/5/83. 150' Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
great sculpin	1	dissection	10.0	19.75	2 chum
	2	dissection	11.3	21.93	crab fragment

83-233. Ferguson Bay. 1610/9/5/83. 150' Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
great sculpin	1	dissection	9.5	11.65	gammarid
	2	dissection	12.3	28.40	empty

83-237. Marinelli Point. 2100/9/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	9.5	10.98	empty
2	flush	11.0	14.07	empty
3	flush	11.2	14.49	empty
4	flush	8.8	7.40	empty
5	flush	10.2	13.67	empty
6	flush	10.5	13.18	empty
7	flush	10.8	14.38	empty
8	flush	10.0	11.49	amphipod fragments
9	flush	9.3	9.44	empty
10	flush	9.8	10.62	empty
11	flush	10.0	12.48	fragments?
12	flush	11.8	18.86	empty
13	flush	10.7	10.40	empty
14	flush	10.0	12.06	empty
15	flush	8.7	7.80	empty
16	flush	9.6	10.66	digested fragments
17	flush	11.0	15.08	10 small amphipods
18	flush	9.7	10.04	empty
19	flush	9.0	8.83	empty
20	flush	12.8	-	empty
21	flush	9.7	-	empty
22	flush	9.3	-	amphipods
23	flush	9.5	-	empty
24	flush	11.3	-	empty
25	flush	11.5	-	digested fish remains
26	flush	10.3	-	empty
27	flush	11.4	-	empty
28	flush	11.4	-	amphipods
29	flush	11.5	-	empty
30	flush	12.0	-	empty
31	flush	10.0	-	amphipods
32	flush	11.0	-	empty
33	flush	10.2	-	amphipods
34	flush	9.8	-	empty
35	flush	10.9	-	empty
36	flush	12.8	-	empty
37	flush	10.8	-	empty
38	flush	10.8	-	empty
39	flush	11.2	-	empty
40	flush	10.2	-	empty
41	flush	10.8	-	amphipods
42	flush	10.9	-	empty
43	flush	9.9	-	amphipods
44	flush	8.9	-	empty
45	flush	10.2	-	empty
46	flush	12.1	-	amphipods

83-237 Marinelli Point. (cont'd)

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	47	flush	11.1	-	empty
	48	flush	11.0	-	amphipods
	49	flush	10.9	-	2 salmon fry
	50	flush	10.6	-	amphipods
	51	flush	10.9	-	amphipods
	52	flush	10.9	-	amphipods
	53	flush	11.1	-	2 fish remains, shrimp
	54	flush	10.2	-	empty
	55	flush	11.9	-	empty
	56	flush	10.5	-	empty
	57	flush	10.4	-	14 amphipods
	58	flush	10.1	-	salmon fry
	59	flush	11.0	-	fish remains, amphipods
	60	flush	10.1	-	empty
	61	flush	10.5	-	empty
	62	flush	8.8	-	amphipod
	63	flush	10.8	-	empty
	64	flush	10.6	-	empty
	65	flush	9.6	-	insects
	66	flush	10.9	-	empty
	67	flush	11.5	-	insects
	68	flush	10.5	-	empty
	69	flush	10.5	-	empty
	70	flush	10.8	-	empty
	71	flush	9.0	-	empty
	72	flush	9.6	-	empty
	73	flush	11.9	-	empty
	74	flush	11.5	-	amphipods
	75	flush	11.0	-	empty
	76	flush	10.8	-	empty
	77	flush	10.8	-	empty
	78	flush	11.1	-	digested remains
	79	flush	10.9	-	empty
	80	flush	10.5	-	empty
	81	flush	10.2	-	empty
	82	flush	9.2	-	empty
	83	flush	11.5	-	empty
	84	flush	9.5	-	empty
	85	flush	11.0	-	amphipods
	86	flush	9.2	-	insects
	87	flush	9.5	-	empty
	88	flush	10.4	-	empty
	89	flush	10.5	-	empty
	90	flush	9.2	-	insects
	91	flush	10.1	-	amphipods
	92	flush	9.9	-	empty

83-237 Marinelli Point. (cont'd)

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	93	flush	11.8	-	digested fish remains
	94	flush	8.3	-	empty
	95	flush	10.8	-	empty
	96	flush	10.2	-	empty
	97	flush	11.0	-	empty
	98	flush	11.0	-	amphipods
	99	flush	11.0	-	empty
	100	flush	10.4	-	empty
	101	flush	10.9	-	insect
	102	flush	10.5	-	amphipod
	103	flush	10.5	-	empty
	104	flush	11.5	-	empty
	105	flush	10.2	-	larval fish
	106	flush	9.0	-	empty
	107	flush	10.1	-	empty
	108	flush	11.0	-	fish remains, amphipods
	109	flush	10.4	-	empty
	110	flush	11.5	-	empty
	111	flush	10.8	-	amphipod
	112	flush	8.3	-	empty
	113	flush	9.5	-	empty
	114	flush	10.2	-	amphipod
	115	flush	10.6	-	empty
	116	flush	9.0	-	empty
	117	flush	10.3	-	amphipod
	118	flush	11.8	-	fish remains
	119	flush	11.7	-	amphipods
	120	flush	11.1	-	empty
	121	flush	11.5	-	empty
	122	flush	10.9	-	empty
	123	flush	10.4	-	empty
	124	flush	11.0	-	1 salmon fry
	125	flush	10.2	-	empty
	126	flush	10.0	-	empty
	127	flush	10.2	-	empty
	128	flush	9.5	-	empty
	129	flush	11.5	-	insects
	130	flush	10.1	-	empty
	131	flush	11.5	-	empty
	132	flush	11.0	-	fish remains
	133	flush	10.0	-	empty
	134	flush	10.2	-	empty
	135	flush	10.9	-	empty
	136	flush	11.6	-	empty
	137	flush	11.1	-	insect

83-237 Marinelli Point. (cont'd)

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 138	flush	11.1	-	empty
139	flush	9.8	-	empty
140	flush	10.9	-	empty
141	flush	9.5	-	amphipod
142	flush	9.5	-	empty
143	flush	9.4	-	empty
144	flush	10.2	-	empty
145	flush	11.0	-	empty
146	flush	11.4	-	empty
147	flush	11.5	-	empty
148	flush	10.0	-	empty
149	flush	9.9	-	empty
150	flush	9.9	-	empty
151	flush	10.9	-	empty
152	flush	11.2	-	empty
153	flush	10.0	-	empty
154	flush	10.1	-	empty
155	flush	11.3	-	amphipod
156	flush	10.3	-	empty
157	flush	9.2	-	empty
158	flush	11.2	-	empty
159	flush	11.1	-	empty
160	flush	11.3	-	empty
161	flush	10.0	-	empty
162	flush	10.6	-	empty
163	flush	10.2	-	empty
164	flush	10.0	-	empty
165	flush	11.0	-	larval fish
166	flush	11.0	-	salmon fry
167	flush	10.8	-	isopod
168	flush	10.2	-	insect
169	flush	11.5	-	crustacean
170	flush	9.0	-	amphipod
171	flush	9.0	-	empty
172	flush	9.5	-	empty
173	flush	10.8	-	amphipod
174	flush	11.0	-	fish remains
175	flush	9.0	-	empty
176	flush	8.2	-	empty
177	flush	11.5	-	salmon fry
178	flush	11.4	-	empty
179	flush	10.9	-	empty
180	flush	10.5	-	empty
181	flush	11.0	-	empty
182	flush	9.5	-	empty

83-252. Ponds. 15/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	dissection	13.2	24.86	1 chum, 1 salmon fry
2	dissection	13.2	25.25	1 salmon fry
3	dissection	12.5	19.81	1 salmon fry
4	dissection	12.2	19.89	fish fragment
5	dissection	12.2	18.78	1 pink
6	dissection	11.8	16.82	1 salmon fry
7	dissection	13.4	26.62	1 salmon fry
8	dissection	16.2	41.14	1 salmon fry
9	dissection	14.2	28.10	1 chum
10	dissection	12.7	21.14	1 chum, 1 salmon fry

83-256A. Marinelli Point. 0840/17/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	81	6.63	empty
2	flush	94	10.39	plankton
3 NOTE: lengths	flush	90	8.86	plankton
4 and weights do	flush	85	7.26	plankton
5 not correspond	flush	83	7.50	empty
6 to adjacent	flush	92	8.53	plankton
7 stomach	flush	94	9.01	empty
8 contents	flush	78	5.77	empty
9	flush	-	-	pink, plankton
10	flush	-	-	plankton
11	flush	-	-	plankton
12	flush	-	-	plankton

83-256B. Marinelli Point. 0931/17/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents	
coho 1	flush	95	10.78	plankton	
2	flush	86	7.38	plankton	NOTE: lengths
3	flush	88	7.81	plankton	and weights do not
4	flush	-	-	empty	correspond to adjacent
5	flush	-	-	plankton	

83-258. Mutus Beach. 1158/17/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	flush	-	-	empty
buffalo sculpin	dissection	9.2	18.20	nudibranch

83-260. Nice Beach. 1320/17/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
silverspotted sculpin	dissection	12.0	17.06	isopod + digested matter

83-262. Bizarre Beach. 1430/17/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	flush	-	-	plankton
Dolly Varden 1	flush	-	-	empty
2	flush	-	-	1 salmon fry, plankton
3	flush	-	-	empty
4	flush	-	-	2 pinks, plankton
5	flush	-	-	empty
silverspotted sculpin	dissection	13.8	23.11	isopod, gammarid
great sculpin	dissection	11.9	23.05	isopods

83-265. Savory Bay. 1620/17/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
buffalo sculpin	dissection	16.8	87.38	seaweed, crustacean fragments
silverspotted sculpin	dissection	12.1	20.01	3 isopods, 2 shrimp
staghorn sculpin 1	dissection	20.0	104.48	contents digested
2	dissection	23.8	189.30	tubesnout eggs
3	dissection	23.2	164.11	1 isopod, 1 crab claw

83-266C. Marinelli Point. 0937/18/5/83. 150' Beach Seine, 3 sets.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	9.2	9.54	plankton
2	flush	9.8	10.72	plankton
3	flush	13.8	26.26	plankton
4	flush	9.1	9.18	plankton
5	flush	8.8	8.62	plankton
6	flush	10.5	11.08	plankton
Dolly Varden 1	flush	13.0	24.29	37 gammarids
2	flush	-	-	plankton
staghorn sculpin 1	dissection	20.5	117.61	isopod + vegetable matter
2	dissection	22.0	133.12	empty
3	dissection	18.7	77.71	25 isopods
great sculpin	dissection	12.3	31.46	4 fish fragments, 3 isopods, 4 gammarids

83-267. Ross Beach. 1054/18/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
great sculpin 1	dissection	12.8	29.21	small shrimp
2	dissection	24.3	218.26	2 fish remains (herring or gunnel?) 1 crab
cutthroat 1	flush	-	-	digested fish
2	flush	-	-	empty

83-268. Cowley Islands. 1225/18/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	-	-	digested shrimp
2	flush	-	-	empty

83-269. Ferguson Bay. 1316/18/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
buffalo sculpin	dissection	15.1	84.58	empty

83-272. Daisy Point. 1601/18/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	-	-	insects
2	flush	-	-	insects
3	flush	-	-	empty

83-283. Bruce Bay. 2100/22/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	15.3	42.25	2 chum
2	flush	9.9	11.01	6 insects (adult)
3	flush	11.7	18.35	crustacean remains
4	flush	13.6	28.21	7 euphausiids
5	flush	11.7	13.16	12 insects (adult)
6	flush	11.2	14.61	insect fragment, 2 gammarids
7	flush	12.7	20.57	14 insects (adult), 1 shrimp
8	flush	11.9	19.48	1 chum
9	flush	13.8	31.99	digested fish
10	flush	12.1	21.68	9 insects, 2 gammarids
11	flush	12.5	22.15	1 euphausiid, 1 fry fragment
12	flush	11.2	16.66	4 euphausiid
13	flush	11.7	18.21	10 insects, 4 gammarids
14	flush	10.4	14.44	1 salmon fry

83-288. Mutus Beach. 1200/23/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
staghorn sculpin	dissection	19.8	-	gammarids

83-289. Parker Point. 1250/23/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
cutthroat 1	flush	-	-	1 ant
2	flush	-	-	empty
3	flush	-	-	empty
4	flush	-	-	2 pinks
5	flush	-	-	1 salmon fry
6	flush	-	-	empty
Dolly Varden 1	flush	-	-	empty
2	flush	-	-	plankton
3	flush	-	-	empty

83-292. Bizarre Beach. 1500/23/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
Dolly Varden	flush	-	-	empty

83-293. Brent Beach. 1555/23/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	flush	-	-	plankton

83-294. Greg Point. 1640/23/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	-	-	plankton
2	flush	-	-	plankton
3	flush	-	-	empty
4	flush	-	-	plankton
5	flush	-	-	plankton
silverspotted sculpin	dissection	12.3	16.94	5 pillbugs, 1 isopod
buffalo sculpin	dissection	17.8	151.83	seaweed, limpit

83-295. Savory Bay. 1700/23/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
staghorn sculpin	dissection	19.6	-	digested fish, gammarid

83-296. Daisy Point. 1755/23/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	flush	-	-	insects

83-305 Ross Beach. 1108/24/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	dissection	9.5	8.35	digested remains
2	dissection	11.2	16.90	1 salmon fry

83-306. Fraser Island. 1150/24/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
Dolly Varden	flush	-	-	mainly euphausiids, few insects

83-307. Ferguson Bay. 1300/24/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	-	-	empty
2	flush	-	-	insects, euphausiids
3	flush	-	-	insects, euphausiids
4	flush	-	-	insects, euphausiids
5	flush	-	-	insects
6				insects, euphausiids

83-308. Cowley Islands. 1332/24/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	flush	-	-	insects, euphausiids

83-309. Dawson Islands. 1400/24/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
Dolly Varden	flush	-	-	plankton

83-310. Greg Point. 1445/24/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	-	-	insects
2	flush	-	-	1 salmon fry
3	flush	-	-	insects
4	flush	-	-	insects
5	flush	-	-	insects
6	flush	-	-	insects, plankton
7	flush	-	-	insects (many)
8	flush	-	-	empty
9	flush	-	-	empty
10	flush	-	-	insects
11	flush	-	-	insects
12	flush	-	-	insects
13	flush	-	-	1 salmon fry, 1 larval fish
14	flush	-	-	insects
15	flush	-	-	insects
16	flush	-	-	insects
Dolly Varden 1	flush	-	-	insects, plankton
2	flush	-	-	empty
3	flush	-	-	empty
4	flush	-	-	plankton

83-311. Marinelli Point. 1545/24/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	-	-	insects
2	flush	-	-	insects, crustaceans
3	flush	-	-	insects, crustaceans, plankton
4	flush	-	-	plankton
5	flush	-	-	insects
6	flush	-	-	insects
7	flush	-	-	insects
8	flush	-	-	insects, plankton
9	flush	-	-	insects
Dolly Varden	flush	-	-	plankton

83-369. Greg Point. 29/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	18.6	59.50	insects
2	flush	17.6	57.22	shrimp
3 Note: lengths	flush	18.2	53.19	copepods + unidentified matter
4 and weights do	flush	20.4	76.60	copepods
5 not correspond	flush	17.6	47.04	copepods, insects + unident. matter
6 to adjacent	flush	16.0	35.90	copepods, insects
7 stomach contents	flush	19.6	73.80	empty
8	flush	17.6	54.82	insects, seaweed
9	flush	15.6	45.60	copepods
10	flush	15.1	38.08	copepods, insects
11	flush	13.4	27.34	copepods, insects, tubeworms, fish eggs
Dolly Varden	flush	21.6	82.12	7 gammarids, digested matter
steelhead 1	flush	22.0	98.79	combined contents:
2	flush	22.4	109.46	28 gammarids, 6 copepods
3	flush	18.2	58.45	10 crab megalops, 2 shrimp fragments

83-370. Greg Point. 29/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	dissection	17.4	56.09	2 salmon fry
2	dissection	11.4	17.03	insects, plankton
3	dissection	11.7	16.60	insects, plankton, plant matter
Dolly Varden 1	dissection	17.3	43.85	144 gammarids, 1 crab larvae
2	dissection	17.1	41.66	

83-372. Daisy Point. 30/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	flush	10.5	-	1 salmon fry
cutthroat 1	flush	20.0	-	empty
2	flush	21.0	-	empty

83-373. Savory Bay. 30/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	10.6	11.83	3 insects
2	flush	10.2	-	3 insects + tree bark
3	flush	10.8	-	seaweed + amphipod
4	flush	17.3	-	fish larvae
5	flush	11.1	-	fish larvae
6	flush	9.4	8.05	eel grass
7	flush	9.7	8.56	insects

83-374. Greg Point. 30/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	10.5	-	ctenophores, copepodites, insects
2	flush	10.7	-	ctenophores
3	flush	10.4	-	ctenophores
4	flush	10.5	-	digested matter
5	flush	10.6	-	insect, isopod, amphipod
6	flush	10.3	-	insect larvae

83-375. Brent Beach. 30/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	10.0	-	insects, pine needles
2	flush	9.8	-	insects, amphipods, pillbug eggs?
3	flush	10.1	-	insects, amphipods
4	flush	12.5	-	amphipods
5	flush	9.3	-	empty

83-376. Bizarre Beach. 30/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	flush	9.3	-	insects, isopods

83-378. Nice Beach. 30/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	flush	12.3	-	1 salmon fry

83-379. Parker Point. 30/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	10.5	-	copepods
2	flush	11.2	-	copepods, digested fish
3	flush	15.1	-	seaweed
4	flush	11.3	-	copepods
5	flush	12.6	-	1 salmon fry, shrimp, copepods
6	flush	10.9	-	copepods, crustaceans
7	flush	11.7	-	copepods, insects
8	flush	10.8	-	copepods, insects
9	flush	11.0	-	copepods, insects
10	dissection	-	-	fish remains
11	dissection	-	-	digested matter
great sculpin	dissection	-	-	seaweed

83-381. Learmonth Island. 30/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	13.0	-	larval fish, amphipods
2	flush	11.9	-	insects
great sculpin 1	dissection	-	-	empty
2	dissection	-	-	empty
3	dissection	-	-	combined contents:
4	dissection	-	-	amphipods, isopods, gammarids
5	dissection	-	-	
kelp greenling	dissection	-	-	tubesnout eggs, shrimp

83-382. Ross Beach. 30/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
great Sculpin 1	dissection	27.5	289.23	combined contents: 5 isopods, 1 crab, 1 mussel
2	dissection	12.5	27.98	
3	dissection	11.7	22.85	
4	dissection	12.8	31.83	
kelp greenling	dissection	22.5	144.39	1 stickleback, 1 shrimp, 100 fish eggs (tubesnout)

83-386. Ferguson Bay. 1018/31/5/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	9.2	-	larvae
2	flush	8.7	-	worms
3	flush	9.4	-	worms
4	flush	8.0	-	worms
5	flush	9.7	-	worms
6	flush	8.5	-	worms
7	flush	8.4	-	worms

83-398. Parker Point. 5/6/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	-	-	empty
2	flush	-	-	empty
3	flush	-	-	empty
4	flush	-	-	empty
5	flush	-	-	empty
6	flush	-	-	empty
7	flush	-	-	combined contents:
8	flush	-	-	1 pink (~64 mm)
9	flush	-	-	25 chaetognaths
10	flush	-	-	10 flies
11	flush	-	-	7 epilaadocera
12	flush	-	-	3 acartia
13	flush	-	-	

83-400. Greg Point. 5/6/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	-	-	empty
2	flush	-	-	empty
3	flush	-	-	combined contents: 1 fish remains, 32 crab zoea
4	flush	-	-	5 flies, 11 gammarids, 8 shrimp
5	flush	-	-	3 pillbugs, 11 calanoid, copepods
6	flush	-	-	5 harpactacoids
7	flush	-	-	

83-403. Daisy Point (Prob.) 6/6/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	-	-	no fish
2	flush	-	-	
3	flush	-	-	

83-406. Brent Beach. 6/6/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	flush	-	-	no fish

83-407 Bizarre Beach. 6/6/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
silverspotted sculpin	dissection	11.8	16.54	isopods

83-410. Parker Point. 6/6/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
buffalo sculpin	dissection	122	42.34	seaweed

83-453. Ross Beach. 12/6/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	flush	16.5	-	1 pink, insects

83-465. Parker Point. 14/6/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho	flush	-	-	empty

83-540. Bizarre Beach. 25/6/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	12.2	-	empty
2	flush	9.5	-	insects
3	flush	15.3	-	empty

83-560. Parker Point. 27/6/83. 150' Beach Seine.

Potential predator	Method of examination	Length (cm)	Weight (gm)	Stomach contents
coho 1	flush	-	-	combined contents: 4 fish remains
2	flush	-	-	
3	flush	-	-	
4	flush	-	-	

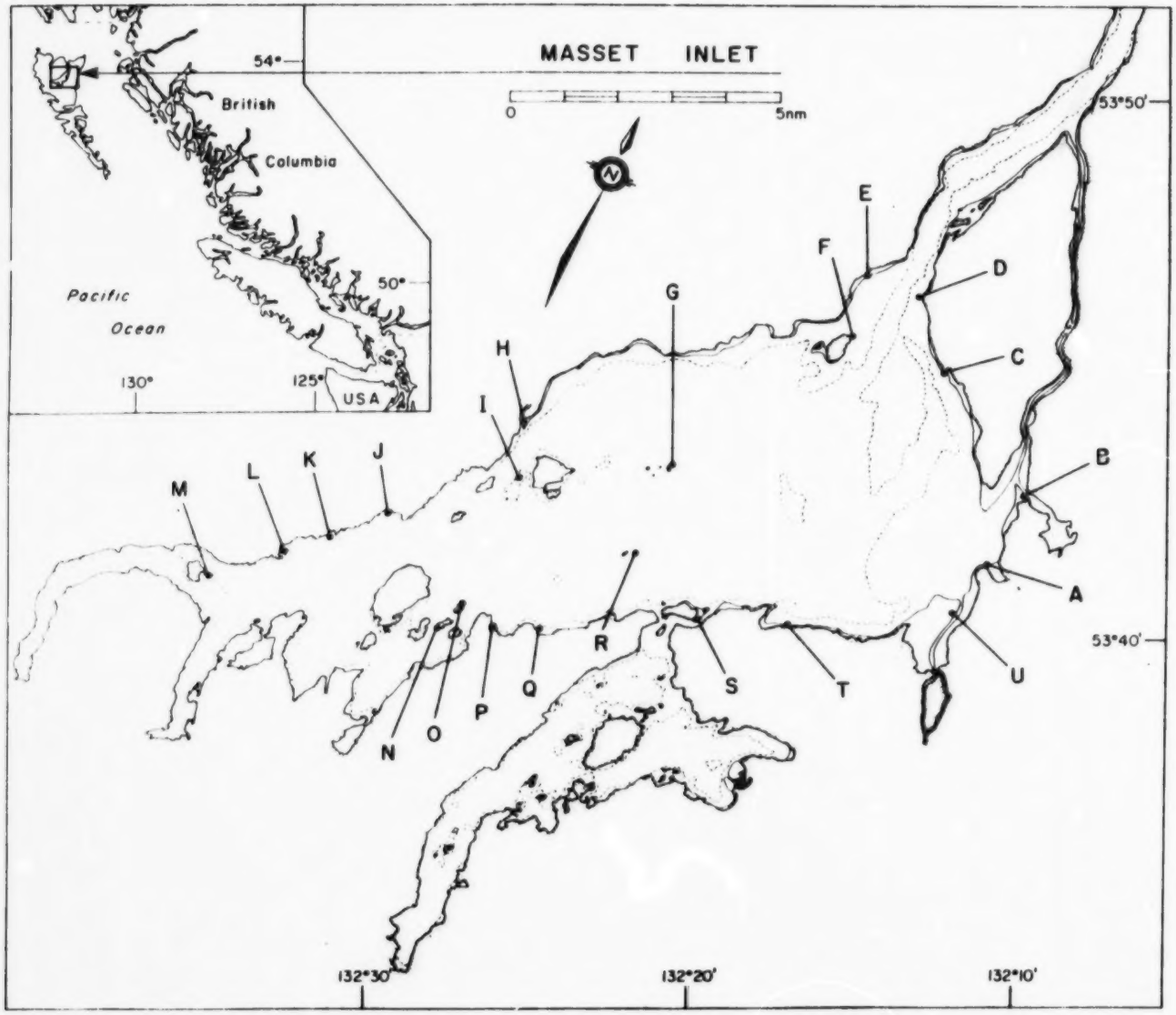

Fig. 1. Locations in Masset Inlet where fish were collected for examination of stomach contents.

Appendix 1. To reduce the length of this report as much as possible data are shown in a condensed format. The example below explains the format used in this report.

83-013. Savory Bay. 1400/21/3/83. 100' Beach Seine.

Potential predator		Method of examination	Length (cm)	Weight (gm)	Stomach contents
Great sculpin	1	dissection	7.9	7.27	
	2	dissection	9.5	14.65	combined contents:
	3	dissection	8.6	11.75	crab fragments,
	4	dissection	9.5	15.51	3 gammarids,
	5	dissection	11.9	29.44	shrimp fragments
	6	dissection	12.5	32.71	
Padded sculpin		dissection	19.0	-	1 flatfish, shrimp fragments

This is an example of data for a beach seine set in which 7 potential predators were examined. The data should be interpreted as follows:

83-013 - sample identification number

This data report provides information for all beach seine sets completed in 1983, 1984 and 1985 for which stomach contents of potential predators were examined. In the above example, the first number (83-013) is the code originally used to identify the set. Set numbers were assigned consecutively: the first two digits indicate the year and the dash (-) serves simply to separate the year from the set number. Thus the first three digits in this report are always "83-", "84-" or "85-" .

Savory Bay - location of beach seine set

To facilitate bookkeeping of samples and associated data, each beach seining location in Masset Inlet was assigned a unique name. These names, and the actual physical location to which they refer, are listed in Appendix 3 and shown in Figure 1.

1400 - the time of day when the beach seine set was completed.

All times are given in 24 hour format (e.g. 8:00 a.m. is shown as 0800; 2:00 p.m. is shown as 1400) and are in Pacific Standard Time prior to 24 April in 1983, 29 April in 1984, and 28 April in 1985, and Pacific Daylight Savings Time thereafter.

21/3/83 - date of beach seine set

All dates are shown in day/month/year format.

100' Beach Seine - indicates which beach seine was used.

Four different beach seines were used from 1983 to 1985. For descriptions of these nets see the Sampling Procedures section.

The catch and stomach contents data are enclosed between the lines. In this example 6 great sculpins and 1 padded sculpin were caught and their stomach contents obtained by dissection. There are two ways the stomach contents are presented in this report. The first is results obtained for individual fish. The second is results obtained for several fish (usually of the same species), where the stomach contents were pooled prior to analysis, and are listed in a paragraph beside the size data. In this example the stomach contents of the great sculpins were pooled and the combined contents are listed as "crab fragments, 3 gammarids, shrimp fragments". The padded sculpin's stomach contents were analyzed separately and are listed as "1 flatfish, shrimp fragments". In most cases the entire contents are listed, but in some instances (as with 85-019) there is a limited analysis for the presence of salmonid fry only. The contents column for some fish may be blank. This does not mean their stomachs were empty, but only that they contained no juvenile salmon. If a stomach was empty, "empty" appears next to the size data.

The size data in this example indicate that the first great sculpin had a length of 7.9 cm and a weight of 7.27 gm, the second had a length of 9.5 cm and weight of 14.65 gm, and so on. The padded sculpin had a length of 19.0 cm and its weight was not recorded. In some samples the size data for several fish were combined, and length and weight data are listed as arithmetic means, rather than individual lengths and weights. These cases are clearly indicated in the tables.

Appendix 2. List of species sampled for stomach contents in 1983, 1984, and 1985.

	Common Name	Scientific Name
Salmonids		
	coho salmon	Oncorhynchus kisutch
	Dolly Varden	Salvelinus malma
	cutthroat trout	Salmo clarki clarki
	steelhead trout	Salmo gairdneri
Cottids		
	great sculpin	Myoxocephalus polyacanthocephalus
	staghorn sculpin	Leptocottus armatus
	silverspotted sculpin	Blepsias cirrhosus
	buffalo sculpin	Enophrys bison
	tidepool sculpin	Oligocottus maculosus
	padded sculpin	Artedius fenestralis
Hexagrammids		
	kelp greenling	Hexagrammos decagrammus
	whitespotted greenling	Hexagrammos stelleri
	rock greenling	Hexagrammos lagocephalus
	masked greenling	Hexagrammos octogrammus

Note: Sculpins and greenlings were occasionally identified only to family level.

Appendix 3. List and description of all locations where samples of potential predators were collected for analysis of stomach contents in 1983, 1984, and 1985. The letters (A-U) in the first column correspond to the labels shown in Figure 1.

LABEL	NAME	DESCRIPTION
A	Marinelli Point	gently sloping, muddy substrate, eelgrass
B	Daisy Point	gently sloping, muddy substrate, eelgrass
C	Savory Bay	gently sloping, sandy substrate, eelgrass
D	Greg Point	moderately sloping, rocky substrate, kelp
E	Brent Beach	gently sloping, sandy substrate, eelgrass
F	Bizarre Beach	moderately sloping, gravel substrate, fucus
G	Dawson Islands	steeply sloping, rocky substrate
H	Ain River	gently sloping, sandy substrate, eelgrass
I	Nice Beach	gently sloping, gravel and mud substrate, eelgrass
J	Parker Point	moderately sloping, gravel substrate, fucus
K	Racoon Beach	moderately sloping, gravel substrate, fucus
L	Wayne Bay	gently sloping, gravel and mud substrate, eelgrass
M	Mutus Beach	gently sloping, gravel substrate
N	Ponds	moderately sloping, gravel and rock substrate
O	Learmonth Island	moderately sloping, rocky substrate, fucus
P	Bruce Bay	moderately sloping, rocky substrate, fucus
Q	Ross Beach	gently sloping, gravel and sand substrate, eelgrass
R	Cowley Islands	steeply sloping, rocky substrate, fucus
S	Fraser Island	gently sloping, gravel substrate, fucus
T	Ferguson Bay	gently sloping, gravel and sand substrate, eelgrass
U	Yakoun River	gently sloping, sandy substrate